Usenet Newsgroup Archive: rec.radio.amateur.equipment

1996-04 - 1996-06

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Date span: 1996-04-01 through 1996-06-30

Source text: rec.radio.amateur.equipment.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 4,937

Message records with no readable body available in the source text: 3

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. How to setup an dual computerlink via radio. Is it possible ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: Franky.Noten@ping.be
Message-ID: <4jp38s$jb3@ping1.ping.be>
Source record: 203512
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

I would like to setup an link between 2 computers.
What's the maximum speed I can transmit on ?
Please give some solutions.

Thanks.

2. FS:AEA Antenna Analyst/Diamond SWR/PWR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1996Apr1.121651.1@ccsua.ctstateu.edu>
Source record: 203513

For sale:

AEA SWR-121 HF antenna analyst. 1-31MHz. LCD shows graph of antenna
SWR points. FB condition. $350+ at AES. Will sell for $200 shipped.

Diamond SX-1000 SWR/PWR meter. 1.8MHz-1.3GHz, 5/20/200W ranges. A fine
looking meter in perfect condition. $250+ at AES. Will sell for $150 shipped.

THx es 73 de N1QVE
Harry
white_hae@ccsu.ctstateu.edu

3. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr1.182921.25937@ke4zv.atl.ga.us>
Source record: 203514

In article <31609480.3D6E@transend.com.tw> Joe Fitter BV/N0IAT <joentam@transend.com.tw> writes:
> {someone asked]
>> >I am looking for a CW only HF transceiver with VFO. I know Heath made
>> >an HW-99 model. I believe Drake made one also, anyone know the model
>> >number ? Any others?
>[I replied]
>> I don't recall a CW only Drake, but the Ten-Tec Century 21 is a CW
>> only rig I believe.
>
>I had to think about this one too...I believe the Drake twins, 2NT
>(transmitter) and 2B or 2C receiver were set up as CW only. Maybe
>the 2NT also ran AM, but I dont recall.
>
>Of course, the classics of yesteryear like Heath DX-40, DX-60 etc ran
>AM and CW...but most guys today use them as CW only rigs I would guess.

Yep, but he was asking about *transceivers*, and neither the Drake
2NT nor those old Heath boat anchors were transceivers. The Century 21
is a transceiver.

I had overlooked the MFJ QRP CW single banders because they now have
QRP SSB single banders too (which I mistakenly assumed to be *instead*).
Oh, well. And there are all the little kit QRP rigs too. The majors
don't seem to be making CW only transceivers anymore, but there are
still some bit players in the game. Forgive me mighty MFJ. :-)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr1.183752.26038@ke4zv.atl.ga.us>
Source record: 203515

In article <4jonb2$3c74@ns5-1.CC.Lehigh.EDU> a313@Lehigh.EDU writes:
>
>Ten Tec also ran off about 800 Argonauts. This rig included sideband as well.

Only 800? Gee, I thought there were more than that.

Gary

--
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Lawrenceville, GA 30244 | |

5. Re: FT-51r Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDp667H.33u@netcom.com>
Source record: 203516

In article <4jindj$nlq@reader2.ix.netcom.com>,
Kevin Karamanos <wd6dih@ix.netcom.com> wrote:
>To ERASE A FT-51R MEMORY...
>1. In the MR mode, Select the memory you would like to erase...
>2. Press the F button for 1 second, then press the MR key.
>3. The memory is now erased ! It's that simple and it's not in the
>manual...

That doesn't erase the memory. It masks it. The info is still there, and by reversing the process you can reactivate it. It is just completely hidden in normal operation. For practical purposes this is _better_ than if it were erased, as it is easier to recover from a mistake. Also, it is in the manual, pg. 32, as I posted here a few days ago.

6. Re: SATELLITE DISH FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <Dp765K.EFs@twisto.eng.hou.compaq.com>
Source record: 203517

072844@msn.com (William Finley) wrote:
>General Insrument, super 350I Receiver with descrambler, C/KU band.
>Sys is less than one year old. 7" Dish.All for $400.00 will work out
>ship....

Don't fall for this one, guys; I've tried those seven inch dishes
and you can't get anything on 'em!

:-)

--
.........Monty.
mwilson@bangate.compaq.com

7. Re: Ten-Tec Scout , Opinions, Comments.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr1.191232.26293@ke4zv.atl.ga.us>
Source record: 203518

In article <4jotl2$rih@madeline.INS.CWRU.Edu> djs26@po.cwru.edu (Donn J. Sachs) writes:
>
>I am looking at the Ten-Tec Scout for my first HF rig and I am interested in
>getting comments on and/or actual experiences, and opinions about this rig.
>I live in an apartment and am limited in the antenna I can use so I need
>a small rig that can work mobile also.
>It also fits my budget right now.

You might want to figure out how much it costs when you add all the
band units. $549 only buys you a monobander. You have to add $290 to
that to get all the HF bands, and you don't get a microphone, mounting
bracket, or the optional noise blanker, that's another $74.45. Sure, you
can add band units one at a time, *now*, but for how much longer? What'll
you do if they decide to quit making them next year and you don't have a
full set? And several people have commented on the disconcerting frequency
shifts as the microprocessor tries to compensate for PTO drift.

A full up Scout is going to cost you in the neighborhood of the
Alinco DX-70 (price recently reduced), and above what you'd pay
for a good used IC-735. Both of those are more radio for the money
than the Scout (IMHO anyway). Both of these alternatives run 100 watts,
compared to the Scout's 50 watts, both have general coverage receive,
which the Scout does not, and the DX-70 even has 6 meters. Both of
these radios include the microphone and mobile mounting bracket and
a noise blanker (essential for mobile operation). Both of these radios
have filter options and PBT or IF shift, VOX, memories, and the ability
to work split, etc.

Now the Scout seems to be Ok, and better than Ok in some respects,
but I think you should weigh other options (including the used
market) before jumping on this rig, especially if mobile operation
is a major consideration. (Think about where you'll store the band
units in the car.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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Lawrenceville, GA 30244 | |

8. Re: What I need to start?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <Dp76CM.F16@twisto.eng.hou.compaq.com>
Source record: 203519

michal_trzcianowski@nyacc.org (MICHAL TRZCIANOWSKI) wrote:
>Hi!
>I'd like to start with the radio but I don't know
>what parts do I need. Is the license necessary?
>Can someone tell me what do I need to begin?
>thanks,
> Mike

How about it people? This guy has had his interest sparked,
and he needs it from the very beginning. We don't know where
he is located, whether he has an active club in his area, or
a friend or family member in radio, we don't even know if there
is a Radio Shack or electronics place where he can buy books.
But he is on the internet. Does the ARRL have a web page where
he can order an introductory book?

--
.........Monty.
mwilson@bangate.compaq.com

9. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.708.31602FD8@accessone.com>
Source record: 203520

In article <4jlpq7$6qv@uwm.edu> herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) writes:

>Thomas P. Branch (75034.1566@compuserve.com) wrote:
>: In article <4jelum$6ls@uwm.edu>, From herb@alpha1.csd.uwm.edu (Nathan
>: Ryan Gingras), the following was written:
>: > Oh, yeah, you HF'ers are all going to look up my callsign, and to save
>:
>: >
>: > you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've
>: > worked my share of HF, and thus I have not upgraded. >
>:
>: How would he know? It's illegal for him to work HF!
>:
>You people sure talk big for hams who don't quite know the rules:

>Three words: Third Party Operation.

Good old Nate, he is an expert HF operator because he worked third party. Do
you also make rash judgements with such little experience in the other aspects
of your life?

grh

10. Re: How Tune Tube XMTR for QRP?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr1.194130.26572@ke4zv.atl.ga.us>
Source record: 203521

In article <4jk6aa$dg@solaris.cc.vt.edu> mkeitz@bev.net (Mike Keitz) writes:
>
>With all the transmitter tweakers adjusted to peak, it puts out about
>50 W. But I only need 3 or 5 W to get to the repeater, so I'd like
>to turn the power down somehow. Obviously there are many ways to do
>that, but some of them may be better than others. Perhaps someone more
>experienced with tube equipment than I am could comment on which of these
>are best in terms of tube life, spurious emissions, etc.
>
>* Reduce the screen voltage. This is the method I presently use, as a
>"Tune-Operate" switch has been provided which does exactly that. I
>assume the purpose of this switch is to keep the tube from conducting
>heavily and burning out during initial tune-up when the plate tuner may
>be badly misadjusted. It would seem however that the tube operates with
>low efficiency with the screen voltage reduced. This method does have
>the advantage that full power can be restored easily if needed.

This is a good method. The reason you're getting low output is because
you've reduced PA gain, exactly what you wanted.

>* Detune the "Antenna Coupling" L-C. Can this be done so the tube
>"idles" into a high impedance from the plate L-C circuit, but little
>power reaches the antenna?

You *don't* want to do this. Operating off resonance will cause the
tube to draw *lots* of current, and light loading will tend to make
the PA unstable.

>* Reduce the drive power (by detuning the grid circuit). This seems like
>a very bad idea, as the grid bias falls with less drive (about -40 V
>is supplied from the power supply, but it increases to -60 V or so with
>drive). That probably will make the tube draw excessive DC plate
>current.

Detuning the grid circuit will also tend to make the PA unstable.

Now you *could* bypass the PA stage entirely and just run off the
driver stage. Pull the PA tube and couple from the driver directly
to the output network (you'll likely need an L network where the
PA tube was). This may take some calculation and some cut and try,
but you'll not only save the final (it'll last a long time on
the shelf), but you'll get rid of the filament power draw too.

Gary
--
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11. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.714.3160433C@accessone.com>
Source record: 203522

In article <4jijtt$b1c@ramp2.tir.com> Rob Bienenstein N8EAC <rob@tir.com> writes:

>Well Nate , It seems that u have a real problem with the guys that
>operate on the hf bands . My guess is that u got on the air with a punk
>signal and the band was noisy , so u had a hard time getting your point
>across .

Punk signal?? Boy, what an insult to QRPers!! :-)

>Everyone that gets into this hobby had someone to "elmer" them .
>Maybe your elmer did not spend enough time with u . Too bad .

Or he may have shown his Elmer the same attitude he has shown on here and the
Elmer gave up on him.

>Morse code is not that hard to comprehend . If u want it bad enough ,
>it's easy .

I passed 5 WPM after 4 days of an hour each evening. I had stuggled before
with it but never put in consistent practice times to achive 5 WPM.

>dah dah dit dit dit dit dit dit dah dah

Glad you didn't send

dah dah dah dit dit dah dah dah dit dit :-)

Nate is just guilty of grouping everything into nice black and white piles. It
is just as ignorant as saying all racial groups are one way or all
nationalities act a certain way. Just an example of ignorance and
nothing more. I hope in 'real life' he doesn't make snap judgements with so
little experience.

grh

12. WTF: Crystals for my Icom-22

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: griierz@aol.com
Message-ID: <4jpghg$s1n@newsbf02.news.aol.com>
Source record: 203523

Looking for a place to buy crystals for my Icom-22

thanks

rob

13. TEN-TEC: "Just drop a check in the mail when you get it"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: <>
Message-ID: <4jpidj$riq@mozz.unh.edu>
Source record: 203524

Omni VI owners:

The latest ROM is available from TEN-TEC for the Omni VI.
Check your current ROM version (get the complete version number, from
the "Logic" chip (28 pin DIP package) under the top cover of the radio).
Then call TEN-TEC's service department at (423) 428-0364 and they can
arrange to send you an updated version. Email me if you need a detailed
list of the new features available in the current ROM.

$15 for a trade-in of your current ROM (you pay return shipping)
$25 to purchase the new ROM outright

I just bought the new ROM, and once again, TEN-TEC is sending it out
and telling me "Just drop a check in the mail when you receive it."

What a great company.

-Drew, NV1B
CFO #963

14. Re: FT-51R HACKING PROJECT UPDATE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <Dp7F6A.GK2.0.-s@inmet.camb.inmet.com>
Source record: 203525

: I'm sure you'll get the same answer from all. What's the point? You're
: willing to sell the information to others after you figure it out. Isn't
Hi!.

Only charging if the user needs access to the data via
a hard copy or softcopies on a floppy disk. Fee only covers material
and shipping. Otherwise the info would be free on my WWW page!

David

: that the same as selling the software? If you figure it out because
: nobody will tell you, why not give the details away for free much the
: same as you're asking?

: Les

15. Icom IC-T22A rcv. up to 480+Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-0104961420210001@wpaul-mac.qualcomm.com>
Source record: 203526

After tuning around with my T22a, I realized I was hearing a 440 repaeter around 290 Mhz. After some experimentation with a signal generator I was able to come up with a pattern for this false imaging, and unfortunately it wasn't just an easy offset.
Anyway, I came up with an equaton that can be used to convert from actual frequency (AF) to the Icom frequency (IcomF) it can be received at:

((AF Mhz.) / 1.5) - 10.285 = (IcomF Mhz.)

So, 450Mhz. can be recieved at 289.720Mhz (actually 289.715, but the tuner will only step to 10KHz in that band.
The receive strength is pretty good (-110dBm @ 450Mhz vs. -122dBm @ 146Mhz.) and the main limitation becomes the antenna. I am using a Mag mount Larsen atnenna -single band tuned for 2m- and still picking up the local Sheriff on 450 with full signal strength. My rubber duckie antenna is enough to pick up 450, but it is alot less sensitive. I guess I should go out and by a dual or tri-band antenna now.

I also tested the tuner at all other frequencies, and the receiver is sensitive enough to be used from 54Mhz to 411Mhz by directly entering the frequency. The false image phenomena cuts out just above 480 Mhz.

What I can't figure out is how this night be happening inside the radio. It must be some kind of IF frequency - harmonics in the preamp type of thing, but I don't have a schematic for this thing.

Anyway, I thought other T22A owners might enjoy this extra coverage.

-BP

Bill Paul San Diego bpaul@qualcomm.com
KF6BBL CA billpaul@aol.com
---

16. Need acc pinouts IC720A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: choffman@pelican.davlin.net
Message-ID: <4jpqdo$hnv@news2.cais.com>
Source record: 203527

I need to know the pinouts on the accessory socket of a IC720A for external control. There should be several relay contact pins available but dont have a book. Trying to control amplifier and need ground on TX.

tnx 73 K5SBU

17. WTB: DuoBand Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: "Yves Albert (Al \"Al\") Feder" <w1eox@ix.netcom.com>
Message-ID: <315FC97E.21FA@ix.netcom.com>
Source record: 203528

Looking for a good duoband mobile rig with detachable faceplate.... Alinco 610? Yazoo 5200? Anything out there reasonable?

Tnx - 73,

--
Yves Albert (Al "Al") Feder
w1eox@ix.netcom.com
Harpsichord Workshops and Recording Studios
"Danged if'n I unnerstand all I know"

"When I go, I want to go quietly in my
sleep, like my grandfather..... not
screaming, like his passengers."

18. Re: Kenwood th-79a Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0104961935080001@k4dii.ksc.nasa.gov>
Source record: 203529

In article <315EBFE7.2104@iconn.net>, Rich Papa <richpapa@iconn.net> wrote:
> I have noticed that recently, when I first switch on my unit, the LCD
> display, when I press the PTT key, will fade by around 50%. This will
> last for around 3-5 short transmissions (usually 5 seconds or less).
> After that the LCD display seems to no longer fade when transmitting.
> Has anyone else had any similar experience.

Rich-

Mine was intermittent at first, but it only took a day or so until it
failed completely. It had to go back to Kenwood for repair. I assume
they replaced the LCD display. Fortunately, it was under warranty.

73, Fred, K4DII

19. Re: Again: FT-5200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: Judhi Prasetyo <prasetyo@iii.net>
Message-ID: <31600603.2EF2@iii.net>
Source record: 203530
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Seems funny to reply my own posting.
But It could be a good information for some of you.

I wrote :
>When I connect a speaker (internal or external) then the rig seems
>'hang'.
>Dial knob still work but no button does including mic up/down button.
>The rig works properly if I remove any speaker from the unit. :-(
>I also try using earpiece with high impedance coil, but also can't help.

>From Kevin Karamanos
>First, is your radio modified ?? There are 2 different reset procedures
>for the FT-5200, depending on how the internal jumpers are on in your
>radio. So is your radio stock or Modified ???

>73's

>Kevin

Now I fix the problem.
It's just because I changed one piece of wire inside the Head Unit
labelled wire number 3.
I took it out, leave it open, and work properly, just like that.
Yes, I leave it OPEN !

Thanks guys for supporting me to fix this problem.

-jps

20. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: markem@primenet.com
Message-ID: <markem.210.00A45B80@primenet.com>
Source record: 203531

Don't forget the Heath HW-16. It was (is?...I still have one) meant for Novice use in the late 60's/early 70's. CW only on 80/40/15 meters (the Novice HF bands then). It was sort of an xcvr...crystal controlled xmtr (Novices were restricted to crystal control then) but tunable rcvr. You could add the HG-10 VFO. There were mods for making it a true xcvr and for changing the bands. Nice little rig for its time.

For more modern stuff, there are lots of nice CW only QRP (<5W output) rigs. Lots of good kits from the various QRP clubs. They're affordable (many <$100) and are really good performers. If you really gota have more power, there are some fairly simple amp circuits around for up to 50W.

There are a couple SSB QRP kits available too.

73... Mark AA7TA

21. Re: Mods for the FT-51R Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: jefco@got.net
Message-ID: <31608FAD.5109@got.net>
Source record: 203532

David H. Malin wrote:
>
> Just wondering if anyone knew of all the mods for the Yaesu 51R. Or at
> least point me in the right direction. Thanks

Try the Boston Amateur Radio Archives at:

http://www.acs.oakland.edu/barc/archives.html

jeff, kf6bkg

22. Re: GrandFather left 2 Garages full of Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: sanddral@aol.com
Message-ID: <4jpvvk$5lc@newsbf02.news.aol.com>
Source record: 203533
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.swap

Todate the 800 phone number is not working, good luck.

23. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: mikielksit@aol.com
Message-ID: <4jq18e$69s@newsbf02.news.aol.com>
Source record: 203534

>George: Drake did not make a cw only tranceiver. They produced the 2NT
>transmitter which was crystal controlled and matched up with their other
>receivers.

>Heath produced the HW 16 novice cw tranceiver but requires an external
vfo
>such as the HG 10 series. This rig runs on 80, 40 and 15 meters.

>Heath produced the qrp series HW 7 and HW 8 and these rigs containthe
vfos
>since they are common components for receive.

>Ten Tec produced the Century 21 self contained cw only transceiver. Nice
qsk!

>Ten Tec also ran off about 800 Argonauts. This rig included sideband as
well.

>Hope this post enlighten you in your quest.

>73's Dick K8WHA

As a former owner of a Ten-Tec Century 21, I can vouch for it's wonderful QSK, but that's all I can vouch for. Other than QSK, the rig stunk. The receiver was lousy, the vfo had more backlash than a rubber band (yes, I'm exaggerating - but it was still bad), the filtering could have been much better, and the transmitter was underpowered for the size of the radio. Granted, I owned the very first iteration of the radio, and Ten-Tec did make vast improvements to the analog vfo, and eventually went with a digital option that became standard on the next gen. Century 22. But the rig had so much to be desired that I was left wishing for a 'real' all cw rig. Alas, Ten Tec abandoned the line after the '22. Too bad - an all cw rig with 100(+) watts out, DSP, a supersensitive receiver like the Omni VI, built-in memory keyer, and QSK would be a kick-butt kinda radio.....guess the niche is just too small.....dern shame.

Mike, WA2QIC

PS. I can also say that Ten-Tec Customer Service is truely unsurpassed in my book.....and I really, really miss Heathkit :(

24. WTB Remote antenna switch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: <>
Message-ID: <NEWTNews.828419680.14742.dmitch@epix.net>
Source record: 203535

Thanks for reading..

I looking for a good remote antenna switch. Prefer the
Ameritron RCS-4, but I'm interested in other brands.

Please send all replies via e-mail.. dmitch@epix.net

Thanks Gary (AA3JD)

25. Re: 728 vs 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <31609CCB.5F95@concentric.net>
Source record: 203536

Ronald Hands wrote:
>
> I've been out of the loop for a few years and hence am unfamiliar with
> the current crop of HF solid state rigs.
> I've seen several postings praising the Icom 735 as a durable classic
> transceiver, but I understand production has now ceased. Another Icom in
> the same price category is the IC 728. Could anyone comment on that
> radio? I'm particularly interested in its CW characteristics.
> Or should I just look for a clean, late-model 735 (driven only on
> Sundays, etc.)?
> Or are there others I should be looking at?
> Thanks in advance...
>
> -- Ron VE3SP
> ronald.hands@freenet.hamilton.on.ca
> rhands@inforamp.net
>
> --I belive there is a user on my web site that has a 735 who just
lowered the price to $600, a good buy.
I had the 735 and sold it after I purchased a new rig. The
rig I have now is an Icom IC-738 nice rig, but not a whole lot
of an upgrade from the 735. Stay away from the 728 it is an
intry level radio. I think it has more memories but you can
run over the 735 with a truck and it won't quit!

The 735 is going to go down in history! It was as poplar as the
IC706 is today. If I could aford it I would get another one
just as a spare for field day and other outings.

73s DE N9ZLE

26. FS: 220 gear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: "Yves Albert (Al \"Al\") Feder" <w1eox@ix.netcom.com>
Message-ID: <315FF55F.49A7@ix.netcom.com>
Source record: 203537

I'm getting off 220, and am selling these rigs to pay for some
144/440 gear we're putting in here.

HT's:

KENWOOD TH-315A, very little use. With case, small charger, manual.
$225.00 plus shipping.

TEMPO S-2, a veteran, but works great. Thumbwheel freq.selection,
factory installed tone board, telescoping and rubber ducky
antennas, manuals, case. $175.00 plus shipping.

MOBILE RIGS:

Icom 37A, with mike/manual. Used mobile. Works fine except at temps
below 10F (squeals, etc. - a lot of rigs die of fright until car warms
up!!!) $225.00 plus shipping.

Kenwood 321A, tone, mic, manual, etc. used mobile but in excellent
shape. $300.00 plus shipping.

NOTE: This rig goes with the companion 221A for "stacking" for two
meters as well. The 221A is also available TO THE BUYER OF THE 321A
(NOT SEPARATELY!) with the stacking mount, for an additional $200.00.

Kenwood 3530A, toneboard installed, mic, manual, etc. never used mobile.
A really nice 220 rig, more elaborate than the 321A but bigger, so I
used this one in the shack. $325.00 plus shipping.

Most (I think all actually) of the rigs come with factory boxes and
all paperwork.

e-mail replies only pleez.......
Thanks!

73
Al W1EOX
--
Yves Albert (Al "Al") Feder
w1eox@ix.netcom.com
Harpsichord Workshops and Recording Studios
"Danged if'n I unnerstand all I know"

"When I go, I want to go quietly in my
sleep, like my grandfather..... not
screaming, like his passengers."

27. Re: Yaesu FT530 help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: kucharsk@netcom.com
Message-ID: <kucharskDp7JAC.5CE@netcom.com>
Source record: 203538

While reading article <315DD01E.2C7B@sprynet.com>, I noticed that
dblizzar@sprynet.com (Dave Blizzard) said the following:
>I recently bought a new FT530 from the local dealer but can't find a
>source for the coax plug used to power this HT from an external DC
>supply. As usual the manual doesn't provide the spec, all it says is
>either a 3.7mm or 4.0mm plug (depending on where you look in the
>manual) but the inside diameter is not specified. All the usual local
>sources don't have anything that will fit.

I don't know the size, but the Yaesu cord isn't exceptionally outrageously
priced at $6 or so - expensive for a cord, yes, but if it saves you a lot
of looking around or driving around town, it may be worth it...
--
| William Kucharski | Opinions expressed herein
| Internet: kucharsk@netcom.com | are MINE alone, NOT those of
| Ham: N0OKQ | of NETCOM.
| President, "Just the Ten of Us" Fan Club | "Dittos from Louisville, CO"

28. 220 gear FS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: "Yves Albert (Al \"Al\") Feder" <w1eox@ix.netcom.com>
Message-ID: <31608BD1.61B4@ix.netcom.com>
Source record: 203539

I'm getting off 220, and am selling these rigs to pay for some
144/440 gear we're putting in here.

HT's:

KENWOOD TH-315A, very little use. With case, small charger, manual.
$225.00 plus shipping.

TEMPO S-2, a veteran, but works great. Thumbwheel freq.selection,
factory installed tone board, telescoping and rubber ducky
antennas, manuals, case. $175.00 plus shipping.

MOBILE RIGS:

Icom 37A, with mike/manual. Used mobile. Works fine except at temps
below 10F (squeals, etc. - a lot of rigs die of fright until car warms
up!!!) $225.00 plus shipping.

Kenwood 321A, tone, mic, manual, etc. used mobile but in excellent
shape. $300.00 plus shipping.

NOTE: This rig goes with the companion 221A for "stacking" for two
meters as well. The 221A is also available TO THE BUYER OF THE 321A
(NOT SEPARATELY!) with the stacking mount, for an additional $200.00.

Kenwood 3530A, toneboard installed, mic, manual, etc. never used mobile.
A really nice 220 rig, more elaborate than the 321A but bigger, so I
used this one in the shack. $325.00 plus shipping.

Most (I think all actually) of the rigs come with factory boxes and
all paperwork.

e-mail replies only pleez.......
Thanks!

73
Al W1EOX
--
--
Yves Albert (Al "Al") Feder
w1eox@ix.netcom.com
Harpsichord Workshops and Recording Studios
"Danged if'n I unnerstand all I know"

"When I go, I want to go quietly in my
sleep, like my grandfather..... not
screaming, like his passengers."

29. Icom IC-T21A out of band receive ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: jmtallon@mtu.edu
Message-ID: <4jojdr$j2v@login.ee>
Source record: 203540

I did the mod used on the W21A to allow out of band recieve - hold down B & # while turning it on, then changes the places setting to 100... My question is this - how much of this out of band range can I actually pick up ? Did this mod just fool the cpu into thinking it can receive all the extra frequencies, or can the radio actually pick all the frequencies I can punch in ? Bueller ? Bueller ? BTW - I don't really have a out of band frequency to check - I just did the mod because I could :) Anyone have any advice/opinions/taunting ? Thanks in advance.

--
"Aerodynamics are for people who can't build engines"
-Enzo Ferrari-

Jonathan M. Tallon jmtallon@mtu.edu M.T.U.
KC8CVN - Amateur radio

30. fm circuits book wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: rkumar@saucer.cc.umr.edu
Message-ID: <4jpqcb$cjk@hptemp1.cc.umr.edu>
Source record: 203541

hello. i'm looking for a recent book on frequency modulation circuits (transmitters and amplifiers in particular). so far the best book i have found is "Frequency Modulation" by August Hund (1942) and was wanting something more current. any suggestions? thanks.

--
pJou_| pgpfone encrypted calls and pgp encrypted mail accepted
_l public keys on server or by request

31. Amateur Radio Equipment FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: Gary Wandrie <garyw@erols.com>
Message-ID: <4jn8np$5ol@news5.erols.com>
Source record: 203588

Amateur Radio Equipment FOR Sale

Icom IC-736 tranceiver with Cushcraft A3S tribander -> $1600.00
Yaseau FT-735R 2m/440 satellite transciever with AOP-1 antenna -> $1600.00
Icom IC7100 25 Mhz to 2000 Mhz scanner with TVR-7100 -> $1150.00
Heath 2m hand held tranceiver -> $25.00
Kenwood 2m/440 hand held with quick charge and spare battery -> $300.00
Leading Edge 386SX with math coprocessor, 4 MB memory, color display
80 MB HD, SCSI port, 3 1/2 disk drive -> $200.00
Texas Instrument 486DX/75 Mhz laptop, active matrix color display,
8 MB memory, 454 MB HD, SCSI ports, 2 PCMCIA ports, 4 year warranty
builtin mouse, paid $3200 in July 1995, -> make an offer

Prices do not include shipping. If you are interested in any of these items, please leave me a message at:

GaryW@erols.com

32. SATELLITE DISH FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: 072844@msn.com
Message-ID: <00001fed+000031e7@msn.com>
Source record: 203589

General Insrument, super 350I Receiver with descrambler, C/KU band.
Sys is less than one year old. 7" Dish.All for $400.00 will work out
ship.

Richard Littlejohn
713-548-2193

Must Sell!

33. Filter mod. Triton 4?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dp5sKJ.CMD@iglou.com>
Source record: 203590

Has anyone seen a mod for the TenTec Triton 4 about installing a 500hz filter in the I.F.?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

34. Re: Problems w/ BC-210 scanner.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: ddubois@biddeford.com
Message-ID: <4jnbvl$9m3@noc1.biddeford.com>
Source record: 203591

Shawn, I'm not sure if this is the problem but its worth checking out.
I don't know if this model has a priority button, if it does make sure
its not on. If it is, it might be overiding the transmission.

Good Luck, Dan (N1WFH)

35. Need manual for Cushman CE-5 service monitor.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: keith@stlnet.com
Message-ID: <4jnesb$crb@news.stlnet.com>
Source record: 203592

I am needing an owners manual and/or service manual for a Cushman CE-5
R.F. service monitor. Please E-mail me if you have one that is copyable
or an original you would like to sell.

Thanks,

Keith Berry KE0FV
E-mail: keith@stlnet.com
WWW Page: http://home.stlnet.com/~keith

36. Re: S-Meter for Hammarlund HQ129X Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4jngfr$1jhi@mule1.mindspring.com>
Source record: 203593

sgoldberg@psu.edu (Steven F. Goldberg) wrote:

>I am in the process of restoring a Hammarlund HQ129X receiver and need to
>replace the S-meter. Any help in locating one would be very much appreciated.

>Thanks for the help,

>Steve, AA3NE

There is a list of junkers on the boatanchor bulletin net. I remember
an HQ-129X on that list. E-mail me if you need more info.

Dave K4JRB
thompson@mindspring.com
>

37. Re: Amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4jnh4v$1jhi@mule1.mindspring.com>
Source record: 203594

kris.mcdonald@prostar.com (Kris Mcdonald) wrote:

>Anybody know of any mail-order places that sell amps. and other radio
>equipt? E-mail me.....thanks...73s

Kris...You must not pick up any magazines (QST, CQ, 73, Worldradio..)
they all show stores that sell via mail order and 800 number. You
will need a valid amateur radio license to buy an amp or transceiver.

Dave K4JRB

38. Re: MFJ 259

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4jnhol$1rv0@mule1.mindspring.com>
Source record: 203595

Adi Doron <adi4z4vg@netvision.net.il> wrote:

>WHAT DO YOU KNOW ON THIS SWR ANALYZER ?

> BEST 73 ? ADI 4Z4VG

I have one and after you get it there is little need for other instruments for coax. I scoped out all my antennas with the 259 and am busy resetting them to optimum for where I work. Its all one unit...freq meter, very low power transmitter, resistance meter and is adaptable to grid dip per instructions.

The only thing to make sure is that the resistence is set (mine was about 5 ohms off at res.) The factory set the noise bridge, but not the 259. Only other problem : make sure you have no nearby commercial BC or shortwave station altho the unit is not as sensitive as the AEA analyst.

Dave K4JRB
thompson@mindspring.com

39. 728 vs 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: aa753@freenet.hamilton.on.ca
Message-ID: <4jngn3$2b4@main.freenet.hamilton.on.ca>
Source record: 203596

I've been out of the loop for a few years and hence am unfamiliar with
the current crop of HF solid state rigs.
I've seen several postings praising the Icom 735 as a durable classic
transceiver, but I understand production has now ceased. Another Icom in
the same price category is the IC 728. Could anyone comment on that
radio? I'm particularly interested in its CW characteristics.
Or should I just look for a clean, late-model 735 (driven only on
Sundays, etc.)?
Or are there others I should be looking at?
Thanks in advance...

-- Ron VE3SP
ronald.hands@freenet.hamilton.on.ca
rhands@inforamp.net

--

40. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4jnk50$6fd@news.cais.com>
Source record: 203597

>: >Oh, yeah, you HF'ers are all going to look up my callsign, and to save
>: >you the trouble, it's KB9LSX, and I am NO-CODE. But believe me, I've
>: >worked my share of HF, and thus I have not upgraded.
.
.
.
.
.
.
Well, for myself, HF *SSB* is the heart of HAM radio. For others it is
CW HF. For still others, it is 2M FM. Fighting over it is irrelavent. That is
like expecting all hams to agree on who makes the best radio (vhf,uhf,hf,etc).
I am an EXTRA class & worked hard for my ticket. However, the code
requirement WILL be dropped sooner or later. Operating as a third party just
ISN'T the same as operating when YOU want to. I well remember many a night,
very, very late & having a band open on HF with dozens of stations all of a
sudden calling me (SSB) !!!! Or very early, just before dawn catching New
Zealanders & Aussie's on 15M booming in ! (please don't throw rocks at me ,
I'm only 32 ! hi hi).
Ironically, I originally got my novice/tech ticket just to learn the
code to help me with my SWL'ing the ham bands. Now, I still practice the code
to keep from getting rusty, but I RARELY use CW!!! I am now looking to get
active on VHF/UHF SSB weak signal work! But HF SSB is still very important to
me. Anyway, now, no one will be a BETTER ham by knowing the code. Requiring
many more operating procedure questions on licensing exams WOULD likely make
more of a difference! Also, possibly requiring mock QSO's , if practical,
could be another useful idea. I.E. just because you know the code, DOESN'T
mean that you'll know how to act on the air!!!
However, for now, the code is the only way to HF, and HF SSB IS worth
the effort! Just my ($1.00 +) $0.02 worth. 73's

N4ZGT.

41. Subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: RVH1@aol.COM
Message-ID: <960401000616_366783626@emout07.mail.aol.com>
Source record: 203598

Please subscribe me to you digest list.

Vince

42. 2m HT antenna's WHATS THE BEST WAY TO GO?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: nhb007.ac.ns.ohsu@ohsu.edu
Message-ID: <nhb007.ac.ns.ohsu.26.315F65D7@ohsu.edu>
Source record: 203599

I just lost the factory antenna on my Yaesu FT-11r dont ask me how. What I want to do is replace it at this point. I am considering two seperate antenna's to do this. 1. would be one of those stubby -3db replacements. 2. a longer flexible after market 0db gain. Any suggestions would be greatly appreciated. I know most of you have tried several of these and have stories to tell. Fell free to E-mail or respond to the posting.

Thanks Brad

43. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jnuj4$mhc@uwm.edu>
Source record: 203600

N9MXT1 (n9mxt1@aol.com) wrote:
: I'm not a nice person for telling the truth! Aaaaahhh ok... Well, to be
: honest with you... I am on bands you can't work yet.. so, you won't have
: to worry about talking to me!! hehehe
:
: BYE! 73 de N9MXT1 - Jeffrey
:
: O yes.. forgot you might not know what that means..... 73 = Best Regards
: and de=from and my call!
:
: :)

You are a real ham, and I should have known that I should not try to interject an opinion regarding the faults of amateur radio. I wholehartedly apologize, I don't know what I could have been thinking when I thought a lowly tech such as myself could match wits with a supreme being such as yourself.

73 de Nate, KB9LSX

ooh, ohh, just like a real ham. I think I am getting the hang of it, your highness!

44. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jnul2$mhc@uwm.edu>
Source record: 203601

N9MXT1 (n9mxt1@aol.com) wrote:
: I'm not a nice person for telling the truth! Aaaaahhh ok... Well, to be
: honest with you... I am on bands you can't work yet.. so, you won't have
: to worry about talking to me!! hehehe
:
: BYE! 73 de N9MXT1 - Jeffrey
:
: O yes.. forgot you might not know what that means..... 73 = Best Regards
: and de=from and my call!
:
: :)
Aren't you going to compare me to a CBer? I've been waiting for that!

Nate.

45. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: Joe Fitter BV/N0IAT <joentam@transend.com.tw>
Message-ID: <31609480.3D6E@transend.com.tw>
Source record: 203602

> >I am looking for a CW only HF transceiver with VFO. I know Heath made
> >an HW-99 model. I believe Drake made one also, anyone know the model
> >number ? Any others?
>
> I don't recall a CW only Drake, but the Ten-Tec Century 21 is a CW
> only rig I believe.

I had to think about this one too...I believe the Drake twins, 2NT (transmitter) and 2B or 2C receiver were set up as CW only. Maybe the 2NT also ran AM, but I dont recall.

Of course, the classics of yesteryear like Heath DX-40, DX-60 etc ran AM and CW...but most guys today use them as CW only rigs I would guess.

Others have mentioned the TenTec and Heath rigs. How about the MFJ qrp rigs, or the host of other mini QRP type rigs that are now on the market? I believe most are in the 5 to 10 watt range--dont know many over that power limit.

Afraid most other rigs of CW only variety are before my radio days.

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.
---

46. Re: Remote coax switches -- any experience(s) ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4joe2l$nmt@kaiwan.kaiwan.com>
Source record: 203603

Mat Eshpeter <mat@clearnet.com> wrote:
>I am thinking about buying one of the AEA
>remote coax switches. Does anyone have
>any experience with either AEA or other
>manufacturers remote coax switches ?
>I am referring to the switches that typically
>mount on the tower, and have a control box
>at the radio equipment site.
>Mat mat@clearnet.com

Mat,

Yes, I have... the important items are:

1. Get one designed to handle the power you intend to push thru it. Use a factor of 2X if possible. i.e. Transmitting 100 watts, get contacts that are rated to at least 200 watts.
2. Get a relay designed to match the frequency you intend to pass. i.e. You intend to switch 900 MHz, get one rated up to at least that frequency... the higher, the better. Sealed relays are best.
3. Watch the coil voltage. Often surplus coaxial relays will require 24 volts dc or 48 volts dc. I would strongly advise against any 120VAC coils even if you are willing to use a isolation transformens! Transformers can and DO short! Try to get a coil with low voltage that you can easily provide.
4. Plan on voltage drops because of long runs of coil voltage supply cable. Measure the voltage with the relay attached ~ at the antenna end. You want to be assured that the plunger completes a full stroke to assure proper switching!
5. Solder and weatherproof your exposed junctions and relays. Roofing tar works great! Get it in white, if you like.

73's
Tony
WA6IGJ

47. Re: Problem (?) with Heil microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4joe2o$nmt@kaiwan.kaiwan.com>
Source record: 203604

gcouger@master.ceat.okstate.edu (COUGER GORDON) wrote:
>>I treated myself and My ICOM 729 to a Heil headset with boom mic using
>>the HC-5 element. ICOM uses electret condenser mikes that appear to have
>>a pre-amp in the base while the Heil unit is a crystal unit that has no
>>pre-amp.
>>To get 100 watts out of my rig, I hav to run the mike gain WAY UP HIGH.
>>Am thinkin about building a small pre-amp to put between the Heil and
>>the ICOM.
>Gordon AB5DG
****
Gordon,

Condenser mikes require a small DC bias voltage to operate. Your crystal mike element does not. I suspect that voltage is still present. Also, I don't beleive the crystal element has the same impedance as the condenser element.

I suspect that you have some serious mis-match issues at work here.

First chech your manual and see if they offer any hints about using other types of mikes. Next, contact technical support at both ICOM and Heil; ask for the best plan of action... chances are, one or both have fought and won these same battles before!

I suspect that crystal mike will have PLENTY of drive once is 'sees' the correct input impedance at the radio!

73's
Tony Cardenas
WA6IGJ

48. Re: ICOM W2A Repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: Gary Pearce KN4AQ <kn4aq.gary@mms.net>
Message-ID: <315FC3B8.15C2@mms.net>
Source record: 203605

Gene McAvoy wrote:
>
> Anyone know where I can get a flat rate quote on repair of a ICOM W2A?
> Icom in Bellvue, WA wants $65. / hr with a one hour minimum before
> they even open the case. There is a ribbon cable in mine that has a
> tear and I'd rather not dig into it myself...no proper tools.
>
> HELP!
>
> Gene / KG7XD
> scanware@sincom.com

Hi, Gene. I understand your reluctance to subject yourself to an "open ended" repair bill. I've had work done in Bellvue on several of my Icom radios, and most of it was done withing the one-hour charge (plus parts).

If your work is as simple as you say, there's nothing to worry about.

Perhaps someone else can recommend exactly what you're looking for, or a cheaper, independent service tech.

73,
Gary KN4AQ
Raleigh, NC

49. Modif FT790R for > 440MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: Nicholas Sanvoisin <nicholas_sanvoisin@nt.com>
Message-ID: <4jokkg$39v@bcrkh13.bnr.ca>
Source record: 203606

Hi,

I have an FT790R purchased in Europe and I am wondering if it possible to modify it to cover the extended US 70cm allocation (especially frequencies above 440MHz where I believe repeaters are located). Any information would be appreciated as the manual and schematics show that all sub models (A, B, C, D) only show frequency coverage from 430 to 440 MHz with varying repeater shifts and switch on frequencies.

Thanks
Nick F1VAT

50. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4jonb2$3c74@ns5-1.CC.Lehigh.EDU>
Source record: 203607

In article <4ji6ll$8q6@usenet4.interramp.com>, cd001263@interramp.com (George W. Zachmann) writes:
>I am looking for a CW only HF transceiver with VFO. I know Heath made
>an HW-99 model. I believe Drake made one also, anyone know the model
>number ? Any others?
> Thanks
>
> George, KG6GA
>
George: Drake did not make a cw only tranceiver. They produced the 2NT transmitter which was crystal controlled and matched up with their other receivers.

Heath produced the HW 16 novice cw tranceiver but requires an external vfo such as the HG 10 series. This rig runs on 80, 40 and 15 meters.

Heath produced the qrp series HW 7 and HW 8 and these rigs containthe vfos since they are common components for receive.

Ten Tec produced the Century 21 self contained cw only transceiver. Nice qsk!

Ten Tec also ran off about 800 Argonauts. This rig included sideband as well.

>
Hope this post enlighten you in your quest.

73's Dick K8WHA

51. Re: YAESU FT-8500, FT-3000M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: PPPwilsonr@cuugnet.cuug.ab.ca
Message-ID: <4jopu8$f3d@hp.cuug.ab.ca>
Source record: 203608

kham@halcyon.com (David A. Kay) wrote:

> I am left with the following questions:

>RE: The FT-8500 and the FT-3000M

>1. How is intermod resistance?
>2. How easy/hard is the auto dial to use?
>3. Just how well does that Smart Scarch work (3000 only)?
>4. How much and what can you control the rig from the MH-39 , MH-36 mike?
>5. Overall, how would you rate the rig?

Hi Dave: We have had an FT-8500 for almost 9 months now. Overall it is
a very well thought out rig. But if you are considering one, I have
the following:
1) We live in Calgary Alberta which is very susceptible to intermod &
this rig is no exception. I suppose it is OK but we do get periodic

bursts of it. Of course the downtown area is bad but without a fil
ter, I think any rig will give you intermod. I'm not terribly
bothered by what we do get.
2) We have used the autodialer & it works just fine.
4) I presume you are referring to the 'Mr Potatoe Head' mike: Overall
it is very good. It is lit for night-time use. However....watch the
volume controls....they don't lock at all & there is a definite
tendency for them to move & blow you out of the front seat!!! Also,
unlike the handhelds, you cannot mute the 'other band'. You either
have to mute UHF or VHF & that can be a real pain. We generally just
down the volume.
Other than that, I really like it. Quite a conversation piece!!
Good Luck!!!
2)
> TNX de AB7FV, Dave

52. Ten-Tec Scout , Opinions, Comments.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: djs26@po.cwru.edu
Message-ID: <4jotl2$rih@madeline.INS.CWRU.Edu>
Source record: 203609

I am looking at the Ten-Tec Scout for my first HF rig and I am interested in
getting comments on and/or actual experiences, and opinions about this rig.
I live in an apartment and am limited in the antenna I can use so I need
a small rig that can work mobile also.
It also fits my budget right now.

Thanks,
Donn, KC8CTP

53. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4joth4$l8a@newsbf02.news.aol.com>
Source record: 203610

In article <4jnul2$mhc@uwm.edu>, herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) writes:

>Aren't you going to compare me to a CBer? I've been waiting for that!
>
>Nate.
>
Nope, I can't do that...I wouldn't put CBer near your category either.

\\|//
(o o) Smile
and be happy!
----------oOOo-(_)-oOOo----------

N9MXT - Jeffrey

54. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-01 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jov9p$lph@newsbf02.news.aol.com>
Source record: 203611

Your forgiven.... this time but, next time OFF-WITH YOU HEAD!

73 de N9MXT1 - Jeffrey

\\|//
(o o) Smile
and be happy!
----------oOOo-(_)-oOOo----------

N9MXT - Jeffrey

55. Re: HTX-202 Expanded Recieve

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDp7v1A.767@netcom.com>
Source record: 203462

In article <4jq4dc$fdl@dfw-ixnews1.ix.netcom.com> ssauer40@ix.netcom.com(Richard J Jones) writes:
-Does anyone know if the RS HTX 202 is modifiable to expand the recieve
-coverage like other brands that go from 118/130Mhz-174Mhz.
Nope, it was designed to only receive the 2M band - that's why it has so good intermod regection. The *only* out-of-band mod is to take a scanner and duct-tape it to the HTX-202.

/mike

BTW, watch out for bogus OOB mods for the 202 - there are some floating around out there, including in one of the Artsci books...

--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- --- Boston Amateur Radio Club: http://www.barc.org/barc --- -*-
/|\ or send "info barc-list to listserv@netcom.com /|\

56. WTB Icom IC-H16

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: fred@sol1.lrsm.upenn.edu
Message-ID: <4jr8gb$hqs@netnews.upenn.edu>
Source record: 203463

I would like to purchase a Icom IC-H16. I do not need the charger
or battery. Please E-mail If you have one for sale.
Fred Hellmig

57. Hasn't the "HF Sucks" thread wasted enough time?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4jr8mf$ris@mksrv1.dseg.ti.com>
Source record: 203464

Can't we kill this thread (or let it die) yet? Why is it
that someone has to always post some controversial message
that he/she knows is gonna stir up a hornet's nest, on a
newsgroup that's supposed to discuss EQUIPMENT, not what
facets of ham radio suck or don't suck?

Please, let this mindless waste of time die and let's use
the newsgroup for its intended purpose. Please?

73 de KC5NG

58. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: jaeschke <jaeschke@cordmc.dnet.etn.com>
Message-ID: <4jr8m5$4f0@ns.oar.net>
Source record: 203465

1.2 GHz Users

I am thinking of setting up a small 1.2 GHz repeater in the Milwaukee, WI area. I have heard a lot of rumors about the characteristics of this band that may make it difficult to use over a wide area in Milwaukee. I have not been able to talk to any one who has actually worked this frequency. I am wondering if the free path losses are so high that the range would be very limited? I also wonder if the penetration into buildings and cars would also be lower than on 2 meters?

I would appreciate your comments.

Jim

59. 1.2 GHz Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: jaeschke <jaeschke@cordmc.dnet.etn.com>
Message-ID: <4jr8sb$4f0@ns.oar.net>
Source record: 203466

I an thinking about setting up in the Milwaukee Area a small
1.2 GHz reater. I have heard rumors about a lot of
characteristics of this band that may make the use of this
repeater difficult. I have not had a chance to talk to anyone
who has actual experience with this frequency. I am wondering
if the free path losses are so high that the line of sight
range would be limited? I also am wondering if the penetration
into buildings and cars would also be limited?

I appreciate any comments that you have.

Jim

60. IC-W31A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: cpeebles%ppp@wimsey.com
Message-ID: <4jra8n$rba@wolfe.wimsey.com>
Source record: 203467

Does anyone have a mod file for ICOM's IC-W31A hand held? More to the point, how can it be made to cross-band repeat?

Please E-mail as my Newsgroups aren't the most reliable.
Thanks
Clinton - VE7KNL
cpeebles@saloon.bcbbs.net

61. 6 meter cavity

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: cn1135@abaco.coastalnet.com
Message-ID: <4jrbse$spd@treasure.coastalnet.com>
Source record: 203468

Does anyone have plans for\or have seen plans for building a 6 meter cavity for a repeater?

Prescott
cn1135@abaco.coastalnet.com

62. Re: WTB: Drake VFO 2NT-VFO ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: philrut1@aol.com
Message-ID: <4jrc9e$i8b@newsbf02.news.aol.com>
Source record: 203469

In article <4jq644$do4@cc.iu.net>, wnewkirk@iu.net (Bill Newkirk)
writes:

>Heathkit's VF-1 seemed to be the usual vfo accessory
>back then...

I have an HG-10 working in conjunction with my 2-NT/2-C. We had to built
an outboard power supply however, as it would normally take its power from
the octal plug on a DX-60, for instance. It works pretty slick, and
certainly makes the 2-NT a more versatile rig to play with.

Phil (KB1GO)

63. Any FT51r owners in Spokane, WA?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4jrddg$ihl@newsbf02.news.aol.com>
Source record: 203470

I am planning a vacation to the Spokane atrea in a few weeks and wondered
if there are any users of the Yaesu ft51r HT there. I would like to obtain
an rdf file of repeaters in the area if possible to program my 51r before
I head out there.
Thanks for any responses! 73 Mike KS4DA

64. Synthesizer Tuning Noise

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: blanton@ni.net
Message-ID: <blanton-0204960722590001@xband.ni.net>
Source record: 203471
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

On my Drake R-8A I�ve noticed a clicking or scratching noise that occurs when the synthesizer is tuned. This problem isn�t unique to the Drake receiver as I�ve also noticed it on Icom and Kenwood models. On the Drake it is very evident in certain frequency ranges (e.g., around 25 MHz and in some other bands) and is not observable at all in other frequency ranges. It is a particular problem on VHF when using the internal VHF converter. On 144 MHz the receiver�s effective noise figure probably increases by at least 10 dB while tuning. This is REALLY REALLY REALLY REALLY REALLY annoying, especially when trying to tune for very weak signals. I suspect that this problem may be inherent in step-tuned synthesized receivers. I wondered if there are any known mods or other methods for mitigating this problem. Would more front-end gain help? (That is, amplify the front-end noise more to override the noise generated by the LO.) I also wondered if the more expensive receivers such as Watkins-Johnson have this problem.

Thanks,

Lee, WA8YBT/6
Temecula, CA

65. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <Dp8rM0.7y9@twisto.eng.hou.compaq.com>
Source record: 203472

choffman@pelican.davlin.net (Charles Hoffman) wrote:
>Did'nt see the original bulletin but I gather this is about RF in the
>shack...IF it is, you might try recutting your transmission line to
>the antenna to electrical half-wavelength or any multiple. That will
>put the shack at a current max and a voltage min...good luck

I attended a forum at Dayton several years ago. I don't remember the name of the lecturer, but this guy was an antenna expert. He really knew his stuff. The forum I attended was on coax and other feedlines, and one subject he covered was this business of using an electrical half-wavelength feedline. He explained the several reasons why this really should be done, then quickly went through the calculations. What he found was that for all bands 10-80 there was a length that was a multiple of a half-wave, or close-enough to it. For a coax with a velocity factor of .66, that length is 91'3". This covers most common types of coax, but he recommended that you check the velocity factor when you buy your feedline, and scale the length accordingly. Since we are working with integer multiples of half a wavelength, you can cover 160 also just by doubling the length; in other words, 182'6", but you can't just cut it in half if you're not interested in 80m because not all the multiples are even; instead you must go through all the calculations again and I don't have my notes from that meeting. This was about 1988 or so, and I don't remember if he included the WARC bands in his calculations. I wish I knew who it was and some means of contacting him, because I'd really like to have that information again; I could kick myself for losing it.

Another thing that helps (I understand) is to connect a tuned counterpoise for each band of interest. This is nothing more than a quarter-wave of wire tied to the ground post of the radio and the rest strung up out of the way but more or less in a straight line. I've never tried it, but I have heard it helps a lot to get your radio at RF ground potential on the bands of interest. When you transmit, the counterpoise wires for bands other than the one you are operating on become detuned and have no effect.

Comments or corrections, anyone?
--
.....Monty.
mwilson@bangate.compaq.com

66. FT712RH mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4jrk7t$6n1@argentina.it.earthlink.net>
Source record: 203473

I have a FT 712 RH Yaesu and want to expand it beyond the 430-450
coverage it has....I KNOW the 2mtr version 212 can be expanded...so I
assume the 712 can be also..

Does anyone have the mods for the 712 (I have the 212 mods so please dont
send them!) ???????

Tnx
Chris
WB5ITT

67. HTX-202, HTX-404 external mic mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: SJJK62A@prodigy.com
Message-ID: <4jrlla$1ika@usenetw1.news.prodigy.com>
Source record: 203474

There is a mod to overcome the weak external mic audio problem
of the HTX-202 and 404 rigs. Check out :
http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

68. Kenwood TR-41 help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <31615697.42D8@csg.mot.com>
Source record: 203475

I am looking for a schematic and/or pcb layout for the old Kenwood TR-41 handheld (440 Mhz). Remember those, they were the first of the really small handhelds. When Kenwood introduced them at Dayton (approx 1984) they had them for show in a clear plastic case so that you could see that there really was a radio in a package that "small". Thanks in advance!

Paul_Moller@csg.mot.com

69. WANTED Grundig Satellit SSB add on

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Kevin Briddon <itsignet@signet.co.uk>
Message-ID: <IIWODEAKUWYxEwYt@signet.co.uk>
Source record: 203476

I have recently aquired a Grundig Satellt 2100 receiver, and would like
to use it to rekindle my radio interests. Hence I would be grateful for
any information about the SSB add on mentioned in the manual.

Trades, purchaces or circuit diagrams would be most appreciated.

Thanks in advance

Kevin Briddon
****
* The views and comments contained herein are purely personal and in *
* no way represent the views and beliefs of the Signet Group plc. *
****

70. Info needed on Kenwood RM-76 Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: mcduffie@unlinfo.unl.edu
Message-ID: <4jrqfv$3qu@crcnis3.unl.edu>
Source record: 203477

I have need for information on the RM-76 controller, as it would be used on a 7625 radio. It uses BCD to set frequency on the radio. However, the 7625 manual doesn't cover control through that port at all. I have both operator and service manuals.

Does anyone have a manual, or even old knowledge about how to properly interface the remote port? I would gladly buy the manual, or pay for copying costs. If you think you know how it works and don't have a manual, I'd gladly call you at my expense to discuss it.

Note that I don't receive email at the address this article is posted from. Reply to address given below, or in this group. I read it daily.

Thank you for any help you might be able to offer.

73, Gary
mcduffie@hannibal.wncc.cc.ne.us

71. 220 gear FS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: "Yves Albert (Al \"Al\") Feder" <w1eox@ix.netcom.com>
Message-ID: <31611A04.625A@ix.netcom.com>
Source record: 203478

I'm getting off 220, and am selling these rigs to pay for some
144/440 gear we're putting in here.

HT's:

KENWOOD TH-315A, very little use. With case, small charger, manual.
$225.00 plus shipping.

TEMPO S-2, a veteran, but works great. Thumbwheel freq.selection,
factory installed tone board, telescoping and rubber ducky
antennas, manuals, case. $175.00 plus shipping.

MOBILE RIGS:

Icom 37A, with mike/manual. Used mobile. Works fine except at temps
below 10F (squeals, etc. - a lot of rigs die of fright until car warms
up!!!) $225.00 plus shipping.

Kenwood 321A, tone, mic, manual, etc. used mobile but in excellent
shape. $300.00 plus shipping.

NOTE: This rig goes with the companion 221A for "stacking" for two
meters as well. The 221A is also available TO THE BUYER OF THE 321A
(NOT SEPARATELY!) with the stacking mount, for an additional $200.00.

Kenwood 3530A, toneboard installed, mic, manual, etc. never used mobile.
A really nice 220 rig, more elaborate than the 321A but bigger, so I
used this one in the shack. $325.00 plus shipping.

Most (I think all actually) of the rigs come with factory boxes and
all paperwork.

e-mail replies only pleez.......
Thanks!

73
Al W1EOX
--
Yves Albert (Al "Al") Feder
w1eox@ix.netcom.com
Harpsichord Workshops and Recording Studios
"Danged if'n I unnerstand all I know"

"When I go, I want to go quietly in my
sleep, like my grandfather..... not
screaming, like his passengers."

72. Re: (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr2.181258.313@ke4zv.atl.ga.us>
Source record: 203479

In article <4jr8m5$4f0@ns.oar.net> jaeschke <jaeschke@cordmc.dnet.etn.com> writes:
>I am thinking of setting up a small 1.2 GHz repeater in the
>Milwaukee, WI area. I have heard a lot of rumors about the
>characteristics of this band that may make it difficult to use
>over a wide area in Milwaukee. I have not been able to talk
>to any one who has actually worked this frequency. I am
>wondering if the free path losses are so high that the range
>would be very limited? I also wonder if the penetration into
>buildings and cars would also be lower than on 2 meters?

Just the reverse, actually. People seem to have a lot of
misunderstandings about "free path losses". The decrease
in signal strength with distance is purely geometric (depends
only on distance) and is *frequency invarient*.

Where people become confused is when the receiving antenna is
held constant with respect to *wavelength*, IE a 1/4-wave 1.2 GHz
antenna is much smaller than a 1/4-wave 144 MHz antenna. This
reduction in *capture area* scales inversely with the square of
frequency, so we see an *apparent* decrease in signal strength
with increasing frequency. But if we keep the antenna the *same
physical size* as frequency is increased, there is no increase
in apparent path loss. In fact apparent path loss is *less* as we
increase frequency.

And penetration into buildings and autos is *greater* as frequency
increases because the openings through which the signal enters the
structure become *larger* with respect to a wavelength. We've all
experienced this with AM/FM broadcast radios. The wavelength of
AM standard broadcast is so long that it has difficulty penetrating
a steel framed building, but the short VHF waves of FM broadcast
slip right through. The same thing applies even more to 1.2 GHz.

There is less refraction over terrain features as frequency increases,
but there is more scatter. So the location of coverage holes will be
different as frequency increases, but not necessarily better or worse.
Due to the increased scatter, multipath can be worse at higher frequencies,
not in absolute depth of fade but in the rapidity of picket fencing
for stations in motion. The tick,,,,tick,,,,tick,,,,tick of 2m picket
fencing becomes the tick,,tick,,tick of 70cm picket fencing and the
ti,ti,ti,ti,ti of 23cm picket fencing. It's actually less annoying.

The one area where higher frequencies suffer is in absorption by
foliage, wooden and masonary structures, etc. This does get worse
with increasing frequency. If you're at ground level trying to
communicate with someone else at ground level, and you're both in

dense forest, then a lower frequency will work better than a higher one.

What all this means is that if the repeater is well located on a high site, the users use antennas of reasonable physical size (IE a colinear 19 inches long for example), and the terrain is fairly open, then performance will be excellent at 1.2 GHz, very little different from 144 MHz in practice.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

73. Morse Code Decoder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: DEAP71A@prodigy.com
Message-ID: <4jrt6k$153e@usenetp1.news.prodigy.com>
Source record: 203480

Can anyone tell me where I might buy a Morse Code Decoder for around $!00
T0 $500 . Also is there any kits that I can build- has to have PCBoards
included.

74. Re: Equalizer comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr2.192859.619@ke4zv.atl.ga.us>
Source record: 203481

In article <4jkbo1$e8t@linet06.li.net> Steve Dworkin <n2mdq@li.net> writes:
>I have heard a number of stations (usually quite critical
>of their audio) that claimed to be using studio quality
>microphones and audio equalizers. My questions are twofold.
>(1) Does anyone know of a source for used studio mics?
>(2) What kinds of equalizers are applicable for this purpose?
>eg. Can you use a stereo-type equalizer just positioned into
>the audio line between the mic and the radio, or are these
>also studio-grade or special application units? These guys
>always have booming signals with extremely real sounding audio.
>I cant go up another 100 ft, nor can I afford some of the amps
>out there, but this may be a feasable and fun place to really
>improve my station. Does anybody out there have any experience
>in this area?

Does 30 years in broadcasting count? :-)

The big difference between broadcast or recording studio microphones
and communications microphones is the flatness and breadth of frequency
response. A communications microphone is designed to limit its response
to the 300-3,000 Hz span, and may have one or more peaks in the response
curve to aid intelligibility of speech. If you look at speech on an audio
spectrum analyzer, you'll find the energy confined to three relatively
narrow bands. The bulk of male speech energy is below 500 Hz, but carries
very little intelligence. You can discard most of it with no loss in
communications effectiveness. The energy in the 500-1000 Hz band and the
energy in the "fricative" 2,000-3000 Hz range carry most of the intelligence.
If you peak one or both of these, intelligibility improves at the expense
of "natural" sound.

OTOH, a broadcast or studio microphone has a wide span, 20-20,000 Hz,
and a very flat response curve. The goal is to be *transparent*, IE
high fidelity, so that what is reproduced at the other end is as identical
as possible to the sound picked up at the microphone. Of course it should
be obvious that *everything* from microphone to speaker *also* has to
have this broad and flat response for that to happen.

That's the rub with amateur operation. A SSB transmitter has a *sideband
filter* that's going to cut out everything outside of 300-3000 Hz, so it
doesn't matter if the microphone responds outside that range or not. And
the *modulation index* of a NBFM signal is going to reduce the frequencies
above 5 kHz so much that it's not worthwhile to consider a high fidelity
microphone there either.

Only with full plate modulated AM, or WBFM, can you get the channel
bandwidth to reproduce something approaching full fidelity audio. Even

then we only proof our broadcast systems from 20-15,000 Hz, and a standard AM receiver is going to cut that to 5,000 Hz in order to have adjacent channel selectivity. A standard FM broadcast receiver *can* pass our proof signal, so its fidelity will approach what we sent. A CD can do better, of course.

Now that just considers frequency response, to achieve high fidelity you also have to consider *dynamic range*. If your system doesn't track signal dymanics faithfully, IE if you use compression or you hit some clipping limit in the transmitter or receiver, then the fidelity will also be ruined. A CD has a dynamic range of some 90 db, but radio transmitters and receivers generally can't deal with that much dynamic range. The SPL (Sound Pressure Level) values of interest lie between 60 db spl and 100 db spl. At 100 db spl, we are crossing the threshold of pain, and 60 db spl is a whisper in a quiet living room. So 40 db of dynamic range is generally sufficient unless we're trying to reproduce a jet engine at takeoff thrust, or the proverbial pin dropping.

Now 40 db of dynamic range translates, for a 100 watt SSB transmitter, to a *linear* range from 0.01 watt to 100 watts. Only the *very* loudest transients should reach 100 watts, and the quietest breath sounds should fall around 10 mW. *Average* output power should be on the order of 8-12 watts for normal speech. Most hams would have a fit if the average output of their "100 watt" rig was only 10 watts, but that's what it takes to get the dynamic range for good fidelity. Audio engineers demand "headroom" in their amplifiers, and would have a fit if transient peaks actually ever reached the upper linear limits of their equipment, so they'd derate that "100 watt" transmitter even more.

Most communications receivers also lack sufficient dynamic range to reproduce a signal with high fidelity. Most would distort horribly trying to reproduce a transient peak equivalent to 100 db spl. They use AGC to try to keep signals within their dynamic limits, and that spoils fidelity too.

What this all boils down to is, if you want broadcast quality fidelity, you're going to have to use AM or WBFM modulation (or digitized speech, but we'll leave that as an application for the GRAPES 56 kb modem). If you're going to use SSB or NBFM, then a studio quality microphone is going to do you no good. The microphone is *not* the weak link in the chain. You *can* use a microphone with a tailored response, and/or a parametric equalizer, to *color* the sound to something pleasant to the ear, but it won't be high fidelity. And you can use a *good* compressor to tailor the dynamics to something that sounds pleasant to the ear, but it won't be high fidelity either. We call these methods "sweetening" in the broadcast and recording business. What we are trying to do is shove a silk purse through a sow's ear and make it come out not sounding like a bunch of oinks and squeals.

An ordinary consumer equalizer probably won't do for sweetening. And ordinary amateur speech compressors won't do either. You need a good

parametric equalizer, and ideally one that works dynamically, and you need a good compressor that has some intelligence so that it tailors its action to the frequency content of the signal at the moment. In broadcast, we use a box called the Optimod to do this tailoring at the transmitter, though we use a bunch of other expensive boxes in the studio to prep signals for later broadcast too. The engineer responsible for the station's "sound" can go nuts trying to get this setup to please the production people. They all think that they have "golden ears" when in fact an audio spectrum analyzer shows that most of them have ears of tin. :-(

If you want to experiment with a good microphone, I'd suggest the old faithful EV635A. There are more of them in use than just about anything else. They aren't the flattest, they cutoff around 12 kHz, and they have a proximity effect that can make you seem to have the voice of James Earl Jones when you really have a voice like Gilbert Gottfreid, but that's not terrible. And you can drive nails with one and it'll still work (remote pickup engineers really love that). And best of all for your purposes, they're cheap (by broadcast standards).

If you are running a plate modulated AM kilowatt, however, look around the back rooms of broadcast stations and recording studios and try to find an old RCA D77 ribbon microphone. They have such a mellow sound it could make you cry. Everybody will swear you're Mel Torme. Just don't ever bump it or it'll be needing a new ribbon.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

75. WTB: Ten-Tec Argonaut, any species, <= $250

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: wayne@interval.com
Message-ID: <wayne-0204961122270001@burdick.interval.com>
Source record: 203482
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

It must be in excellent working order, and rediculously low prices would be appreciated. (I have a couple of friends who know these rigs inside out who will give me advice on whether the price is right--or better.) Please include a microphone and power supply if the total price will still be <= $250.

I'm trying to help out a retired (fixed-income) ham in San Francisco who really needs a rig. Thanks in advance for parting with your little-used gem!

73,
Wayne
N6KR

415-494-3806

76. FT8500 Audio Mute on Sub Channel

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: drm6@psu.edu
Message-ID: <drm6.63.3161851D@psu.edu>
Source record: 203483

Greetings to the group,

I am interested in buying the Yaesu FT8500 and have been following the review threads with interest. The issue of muting the audio on the 'sub channel' when there is activity on the 'main' channel has me concerned. According to the review threads, the 8500 does not have this feature as their HT the 51R has. I have a review copy of the manual for the 8500 with the new MH39 mic. On page 28 of the manual it discribes the 'Auto Receiver Mute" feature. The 'Auto Mute' function SEEMS to mute the sub channel (user selectable) when the main (also user selectable) is active. The other receiver mute function options do not seem to be of much use though.

Did Yaesu make a change in the 8500 to do this or am I not reading the manual correctly? I'm interested in the FS10 mic. Is this 'Auto Mute' feature on the 8500 with the FS10 mic? The copyright on the review copy of the manual I have is 1995 so it's conceivable that Yaesu added this feature to later rigs. Anybody know for sure? Does anyone have an 8500 that actually mutes the sub channel audio automaticly? Does Yaesu have an e-mail address for questions such as this? Any information would be appreciated. Thanks.

Drew R. McGhee, KA3EJV
Altoona, PA

77. Re: What I need to start?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Jim Dunne <jim-g0upg@lds.co.uk>
Message-ID: <3161F738.14B6@lds.co.uk>
Source record: 203484

Monty Wilson wrote:
>
> michal_trzcianowski@nyacc.org (MICHAL TRZCIANOWSKI) wrote:
> >Hi!
> >I'd like to start with the radio but I don't know
> >what parts do I need. Is the license necessary?
> >Can someone tell me what do I need to begin?
> >thanks,
> > Mike
>
> How about it people? This guy has had his interest sparked,
> and he needs it from the very beginning. We don't know where
> he is located, whether he has an active club in his area, or
> a friend or family member in radio, we don't even know if there
> is a Radio Shack or electronics place where he can buy books.
> But he is on the internet. Does the ARRL have a web page where
> he can order an introductory book?
>
> --
> ....Monty.
> mwilson@bangate.compaq.comWell, here goes my first time in newsgroups, and, hopefully, an answer to
your question.

The ARRL home page location is : http://205.217.201.3/

Links then on from there.

Best 73 to all Ham's and SWL's, and anyone else interested in the hobby!

From
Jim Dunne
G0UPG
jim-g0upg@lds.co.uk

78. Data on 2m?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: jay@infomag.mb.ca
Message-ID: <4jrvlb$rpk@canopus.cc.umanitoba.ca>
Source record: 203485

I want to send and receive data over a 2m simplex setup.
I want to use some Motorola portables and mobiles I have.
No need for "fast" rates or packet protocols. I just want
to do some simple telemetry; (temperature, servo control, etc.).

How do I interface my microcontrollers to the radios?
I don't want to use dtmf.

Any leads/help appreciated.
Thanks,

Jay Vanstone----VE4JAY----jay@infomag.mb.ca
InfoMagnetics Technologies Corporation
Winnipeg, MB
CANADA

79. AMD Ham Club

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: brian@dvorak.amd.com
Message-ID: <Dp93Ks.HEC@txnews.amd.com>
Source record: 203486
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.packet

(I sure hope I got this constrained to AMD only!)

If you're a ham and you work at AMD, please read this!

We're starting an amateur radio club at AMD Austin. If you're in Austin, send me (or Curtis.Doss) e-mail for more info. We're just getting organized to ask AMD for space and support, so your interest is important.

If you're not in Austin, we'd like to know about any non-Austin AMD ham clubs (or hams, for that matter).

Brian McMinn, N5PSS
brian.mcminn@amd.com

80. Re: 728 vs 735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr2.194649.872@ke4zv.atl.ga.us>
Source record: 203487

In article <4jngn3$2b4@main.freenet.hamilton.on.ca> aa753@freenet.hamilton.on.ca (Ronald Hands) writes:
> I've been out of the loop for a few years and hence am unfamiliar with
>the current crop of HF solid state rigs.
> I've seen several postings praising the Icom 735 as a durable classic
>transceiver, but I understand production has now ceased. Another Icom in
>the same price category is the IC 728. Could anyone comment on that
>radio? I'm particularly interested in its CW characteristics.
> Or should I just look for a clean, late-model 735 (driven only on
>Sundays, etc.)?

Look for that 735. The 728 is an entry level rig and doesn't compare well to the 735. Within some limitations, the new IC-706 is a fit successor to the old 735. Its receiver doesn't have the dynamic range, and it doesn't have transverter jacks, but it's not bad, and it does have some features the 735 doesn't, like a real narrow RTTY filter located where the RTTY tones *are* (you have to jack the IF shift all the way over to do RTTY on the 735), really small tuning steps for tweaking in a Clover signal, and it's so small you can't believe it puts out 100 watts. Having 6m and 2m doesn't hurt either. Of course it costs twice as much, but that's progress for you. It doesn't do QSK very well, though, and that might matter to you.

I can buy any radio I want (and have at one time or another, my latest toy *is* the IC-706), but none of them have displaced my IC-735 from its place of honor on the operating table. It replaced my Drake C line, and that's high praise indeed.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

81. Re: 6 meter cavity

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr2.195442.977@ke4zv.atl.ga.us>
Source record: 203488

In article <4jrbse$spd@treasure.coastalnet.com> cn1135@abaco.coastalnet.com (Prescott) writes:
>Does anyone have plans for\or have seen plans for building a 6 meter
>cavity for a repeater?

Well first you find an old copper water heater....

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

82. Kenwood Serial # s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: rpmccoy@usa.pipeline.com
Message-ID: <4js06n$jjb@news1.h1.usa.pipeline.com>
Source record: 203489
Cross-posted to: rec.radio.amateur.equipment,

A question:

I frequently hear hams who are buying/selling
certain models refer to serial # ranges.
This typically applies to the 440S, 930S, 940S, etc.

Obviously, the higher serial numbers would
represent rigs with bug fixes and later manufacture.

Does anyone know what the "good" ranges are
for each series of radio? and why ?

Thanks for any assistance.

Dick, N4UN

83. Re: Kenwood TM-733 New Version

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4js1jb$mh4@nadine.teleport.com>
Source record: 203490

saremington@imt.net (Scott Remington) wrote:

>In article <4ittut$nkf@newsbf02.news.aol.com>, kd4geu@aol.com says...
>>
>>Can anyone confirm if the new 733's have a built in duplexer, I know they
>>have the backlit mike?
>>
>>Thanks!
>>
>>KD4GEU@AOL.COM

>If you check out Kenwood's web site, they specifically say the duplexer is
>external. And I just bought one of the suckers about a week before this
>announcement!

>KC7MRV

Ya, but I bet you bought a decent duplexer with it. The 733 is
shipping with an Mighty Fine Junk (MFJ) duplexer. Some folks at HRO
tested it with a power down test and watched the device cause power
fluxuations as it got hot. The Diamond and Diawa they tested didn't.
They added it was like getting a Volkswagon muffler for your cadillac

84. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDp91H6.K9p@netcom.com>
Source record: 203491
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

recurry@insighttec.com wrote:
: Can we move this discussion to another subject heading. It's been
: going on for over a week. My 11 year old reads this newsgroup and it's
: certainly not a good example.

Don't you know what a kill-file is?

85. Re: What to Buy? Need mobile rig advice...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: mamoman@xs1.xs4all.nl
Message-ID: <4js2m4$lk7@news.xs4all.nl>
Source record: 203492

Yes buy a Icom 706, Works great in the car. I have a special mobile
antenna (160-6) and I drive a lot made very much connections..
I have a special 2m mobile antenna..

martin.

Jonnycat (jonnycat@sover.net) wrote:
: Hi-

: Looking for advice. I have been using a Kenwood HT as a mobile rig in
: my truck via 12V cord and magmount antenna hookup, and it doesn't work
: for me.

: Would like to buy a mobile rig that is very well built, as I spend lots
: of time off-road and bouncing around, and has good price-to-features
: ratio. Important to me are power output, alphanumeric, and ease of use.

: Any suggestions?

: Thanks,
: Jon N1UHH
: Email me at <jonnycat@sover.net>

86. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.716.3161A6AD@accessone.com>
Source record: 203493

In article <4jnuj4$mhc@uwm.edu> herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) writes:
>N9MXT1 (n9mxt1@aol.com) wrote:
>: I'm not a nice person for telling the truth! Aaaaahhh ok... Well, to be
>: honest with you... I am on bands you can't work yet.. so, you won't have
>: to worry about talking to me!! hehehe
>:
>: BYE! 73 de N9MXT1 - Jeffrey
>:
>: O yes.. forgot you might not know what that means..... 73 = Best Regards
>: and de=from and my call!

>You are a real ham, and I should have known that I should not try to
>interject an opinion regarding the faults of amateur radio.

Ahh, but others shouldn't do the same if they don't agree? Don't try and
tell me that you didn't expect such responses after posting such a narrow
generic opinion in public.

>I wholehartedly apologize, I don't know what I could have been thinking
>when I thought a lowly tech such as myself could match wits with a supreme
>being such as yourself.

I think it has more to do with being aa eighteen year old who must be bored as
hell to try and get attention this way.

>73 de Nate, KB9LSX

>ooh, ohh, just like a real ham. I think I am getting the hang of it, your
>highness!

No you aren't. Have mama wipe your nose, take a nap and you will feel better
in the morning.

87. WTB Mic for my TS-430

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: griierz@aol.com
Message-ID: <4jsb06$sh0@newsbf02.news.aol.com>
Source record: 203494

need a mic fir my ts-430

thanks

robert
KA7ZKL

88. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4jsbbf$kv1@ecuador.it.earthlink.net>
Source record: 203495
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

flanders@znet.groupz.net (Jerry Flanders) wrote:
>Anybody contemplating insurance on their ham gear should first ask
>their Homeowner's Insurance agent if they are already covered. I am
>already covered on everything in the house, at no additional cost.
>Lightning took out a couple of thousand dollars worth of ham gear here
>a few years ago. Allstate repaired the pieces not completely fried,
>and purchased new stuff for the rest, with no depreciation (all were
>current models). I only paid my deductible.
>
> I think additional insurance might be wise for mobile rigs, but even
>there, I would consult the car's insurance agent first - might be
>possible to get an inexpensive rider with specific coverage for mobile
>rig also.
>
>We should remember one very important thing about insurance: ON
>AVERAGE, WE GET BACK LESS THAN WE PUT IN.
>
>Don't buy more than you actually need.
>
>Jerry W4UKU flanders@groupz.net

I have to agree to a point.....HOME station equipment is likely covered by Homeowners...SO are HTs as they can be used both in the house and away... mobil gear is ALMOST never covered by HOME or CAR insurance and is best covered by ARRL or similar sponsored insurance (riders sometimes do not help on personal insurance packages)...

I lost ALL my gear in my Blazer last year during a break in....I had two Yeasu rigs (that were used at home...they had been to the shop being checked out and they were stolen during the return trip home while visiting some friends), a Standard HT, a cellphone (bag version) and CD player/ALL my CDs in a tote bag and my COMPANY's Toshiba 4600 laptop...

My insurance (State Farm) paid on the damage to the trunk and the CD player on my car insurance...the ham gear and cellphone were covered by homeowners...(at Replacement cost with a $250 deductible...wish it had been a $50 like the ARRL sponsored stuff! which I DO have at my rptr sites)...and alas, the laptop was covered by NEITHER (it wasnt MY laptop and they dont cover business equipment in a personal vehicle!...IF it had been parked on my driveway or property, they would have covered it but only to $2500...not the 4 grand it cost originally!)..

I got out of the deal about 1300 for all the RF gear and CDs that were stolen....considering it was well over 2100 original cost didnt help

any..

SO the moral is...
FIRST...make SURE you have receipts on EVERYTHING..or boxes or proof you own the gear for the insurance guys!

For gear used IN the house, your homeowners WILL cover it (check with your agent NOW! and get a replacement cost policy..it doesnt cost that much!)...

For gear used in the mobile ONLY (IE not an HT, etc), get the ARRL sponsored insurance....and maybe add an HT or whatever for a better deductible...

For gear that is NOT yours, either LEASE it (and have proof...) or get rid of it....and use the ARRL sponsored insurance....or similar...
The AHW insurance sponsored by ARRL does cover gear you lease (I have my company's IFR 1200s on my policy now...I "lease" it from my company..it made the premium DOUBLE....but its better than paying 8-9 GRAND for a new IFR!)

73
Chris
WB5ITT

SR Telecom Tech- ENTERGY/GSU (and no they havent replaced my laptop...luckily they didnt make me pay for it!!!)

89. Kenwood TH-78A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: cyberlord@webweave.vt.com
Message-ID: <4js91h$heh@news.vt.com>
Source record: 203496

I am looking for a Kenwood TH 78 A. Anyone have one.

Greg Imel
e-mail...
gimel@webweave.vt.com

90. CQ 80m CQ Maine

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: dunla004@cerritos.edu
Message-ID: <1996Apr2.151719.1@vax.cerritos.edu>
Source record: 203497
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

I'm trying to finish up the 80m portion of 5BWAS and I'm down to one state......Maine. Are there any Maine hams out there who would be interested in setting up a sked?? It can be either CW or SSB.

Please don't suggest I try a net.....I'd prefer to do it on my own.

Reply via email...

73 de Terry AC6EF
dunla004@cerritos.edu

91. Kenwood TM-455a Cheap??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Jeff Goebel <jgoebel@rrnet.com>
Message-ID: <3161C629.709E@rrnet.com>
Source record: 203498

I have noticed that AES has a very low price on the Kenwood TM-455a. I have wanted a 70cm all mode and am impressed with the price.

Does anyone know the frequency coverage on this rig? Will it work the FM repeaters or only the SSB frequencies?

Jeff N0VHB
jgoebel@rrnet.com

92. Re: Need info on Alinco DR-112

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: fehner@cts.com
Message-ID: <3161ac9c.4395291@news2.cts.com>
Source record: 203499

I'm using one for packet here Fred. The pin-out is as follows:

Pin
1 mic
2 ptt
3 down
4 up
5 5 volts out
6 n/c
7 mic ground
8 chassis ground

pins are numbered counter-clockwise from the keyway looking at the
front panel with pin 8 in the center of the connector.

73's

Barbara KK6IB
E-Mail: fehner@cts.com

_____
fjh@alpha1.csd.uwm.edu (Fred j Helmstetter) wrote:

>
>
>I just picked up an Alinco DR-112 at a hamfest with no docs that I'd like to
>put on packet. Does anyone have the pinout for the mic connector handy ?
>Thanks & 73,
> Fred, KF9ZI
>
>
>--
>---
>Fred J. Helmstetter fjh@csd.uwm.edu
>University of Wisconsin-Milwaukee (414) 229-4903
>---

93. Re: Shortwave etc database program....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Phil Keller <philk@wco.com>
Message-ID: <3161C76E.3DA@wco.com>
Source record: 203500
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

```
And the Cost is ????

-Phil-

Charles Bolland wrote:
>
> Sir,
>
> A stand alone IBM compatible Broadcasting Radio Station Database
> program for Longwave, Mediumwave, or Shortwave. 4000 records...
> Completely read/write and updateable...
>
> If you'd like a copy, send your EMail address and Postal Address
> which will be used to pass you more detailed information on
> the full featured program....
>
> The above program will be sent via EMAIL...
>
> All information will be kept confidential....
>
> Chuck
>
> KA4PRF

--
====================================
"Those who avoid decapitation,
leave more offspring."
-Carl Sagan-
====================================
Phil Keller N6MWC
mailto:philk@wco.com
```

94. HTX_242 Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: John Ferguson <jferg@outland.dtcc.edu>
Message-ID: <Pine.SV4.3.91.960402200406.23614A-100000@outland.dtcc.edu>
Source record: 203501

Will the HTX-242 (45 watt 2M mobile by Radio Shack) work the MARS
frequencies outside the 2M band? Can it be modified to do so?

Tnx, 73

* *
JFERG @ OUTLAND.DTCC.EDU / Bend it to fit.....
John S. Ferguson K3PFW / Paint it to match.
Delaware Tech. & Comm. College-Owens Campus, Georgetown DE 19947 USA
* *

95. looking for a variable capacitor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: kuldinow@remus.rutgers.edu
Message-ID: <4jsv3o$j41@remus.rutgers.edu>
Source record: 203502

I am looking for a 75pf-100pf variable capacitor. THis is not available at
radio shack. Does anyone know where to find such an item? Catalogs,etc.?

kuldinow@remus.rutgers.edu

--
Jalsa Salsa
kuldinow@remus.rutgers.edu

96. VHF - IMTS RadioTelephone 4sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: "Chris D. Johnston" <chris@netus.com>
Message-ID: <31622A77.73D8035@netus.com>
Source record: 203503

Well there...

How long has it been since any of you seen a private party ad for IMTS Radio Telephone equipment?

Well, here goes... I have a functional setup based on the Aerotron 600TT-60 transmitter (12 channel) and the Glenaire GL2000 control head. This is a VHF (hi-band) IMTS system that seems to work in California (well, used to 4 years ago), Nevada and Arizona.

The transmitter had been tweaked to 70W output. The GL2000 head can do pulse dial and supports both Mobile Telephone Service (MTS - Key up and get the operator) and Improved Mobile Telephone Service (IMTS - dial it yourself) modes.

I want $50 for it. I would consider donating it to a VERIFIED school group, HAM club or something. Whoever gets it pays for shipping. This antique (purchased new in 1981) cost me a $2200 or so. My how times change considering I dropped the same amount for my first Cell Phone.

Last I checked it still works. Complete with schematics for both control head and transmitter. Coverage maps for California.

Call me - Chris Johnston - 714-289-8543 days.

Anyone have a couple ASR-33 teletypes to trade?

Chris

97. Private Squelch mod for Motorola p10 radius

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: david <david@smartec.com>
Message-ID: <3161D7A9.7AF3@smartec.com>
Source record: 203504

Hi:
I own a pair of Motorola "P10 radius" (1 watt VHF) radios, I would like to know if there is some mod I could install to get private squelch. Any help would be greatly appreciated.
Thanks
david@smartec.com

98. Re: GE Master II queries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Chris.Boone@106-4267.woodybbs.com
Message-ID: <46e_9604070134@woodybbs.com>
Source record: 203505

```
5*** Quoting Dana Myers to All dated 03-28-96 ***
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>
> What IF does the Mastr II use? The Mastr Exec/Custom MVPs I've
> tinkered with use a single 11.2MHz IF - my Murata catalog doesn't
> list anything quite like this ;-).
The MSTR II is the same rcvr as the EXEC II and MVP in most respects..
it is also a 11.2 IF ...

73
Chris
WB5ITT
--
|Fidonet: Chris Boone 1:106/4267
|Internet: Chris.Boone@106-4267.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.
```

99. Wanted info ATV power module

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: jeanpb@innet.be
Message-ID: <4jp4l1$54f@news.be.innet.net>
Source record: 203542

Hello OM's

My name is Albert and I am living in the North of Belgium.
Now I search information abouth a ATV powermodule for 23cm.
The type : M.57762 from MITSUBISHI.
Ilike also information abouth adresse's in Londen UK where I can find
these module's .
And if possible also the price.....

E-MAIL ADRESS: jeanpb@innet.be

Best 73 from ON6BM Albert from MOL
Belgium.....

100. crystal radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: rherndon@owens.ridgecrest.ca.us
Message-ID: <Dp734o.9FH@ridgecrest.ca.us>
Source record: 203543

I may be in the wrong group here but I want to show my son how to build a crystal radio. I remember me and my dad building one when I was a small boy. It had a toilet paper roll with wire wrapped around it and a tuner slid along this inductor. It at all possible I need the schematic and a list of stuff that I would need. TIA

101. Re: Yaesu FT530 help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Scott Adams <scotta@sw.stratus.com>
Message-ID: <4jprc7$8ar@transfer.stratus.com>
Source record: 203544

Hi Dave,

I also recently bought an FT530 (from the "local" HRO), as did a friend. I bought the Yaesu 12V car adaptor (for an outrageous $25!). My friend bought only a plug and cable for about $4 or $5. Both were purchased at the same store as the xcvrs. Call and ask the dealer you bought it from about the cable/plug. If they don't have it, call HRO - they definitely have them...

Good luck,

Scott N1WNO

dblizzar@sprynet.com (Dave Blizzard) wrote:
>I recently bought a new FT530 from the local dealer but can't find a
>source for the coax plug used to power this HT from an external DC
>supply. As usual the manual doesn't provide the spec, all it says is
>either a 3.7mm or 4.0mm plug (depending on where you look in the
>manual) but the inside diameter is not specified. All the usual local
>sources don't have anything that will fit.
>What size is it really???
>Any help would be appreciated.
>--
>---
>73's from Dave Blizzard - VE3SVL
>blizzard@canoe.ca
>---

102. KW160 circuit desperately needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: dave@thebrief.demon.co.uk
Message-ID: <828410048.24747@thebrief.demon.co.uk>
Source record: 203545

I am trying to restore an KW160 topband CW/AM TX but a previous owner has removed a coupling coil in a can and I have no details of it. If anyone can help with a circuit I would be very gratful. Naturally I would cover any expenses incurred.

Dave Holland G4LDT

103. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: choffman@pelican.davlin.net
Message-ID: <4jq2d4$kev@news2.cais.com>
Source record: 203546

Did'nt see the original bulletin but I gather this is about RF in the shack...IF it is, you might try recutting your transmission line to the antenna to electrical half-wavelength or any multiple. That will put the shack at a current max and a voltage min...good luck

jackl@pinetree.microserve.com (WB3U) wrote:

o---> dreambig@ix.netcom.com(LARRY PIKE) wrote:

o--->>Hey - why not spend a few extra bucks and go all the way --
o--->>buy a REAL ground!

o--->What type of ground are you referring to? It's almost impossible to
o--->achieve a good RF ground with ground rods. Even if you bury a couple
o--->of junk cars and weld them together (I know someone who did that), the
o--->length of the ground wire creates a series impedance that varies with
o--->frequency.

o--->73,
o--->Jack WB3U

104. Re: Kenwood th-79a Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: saremington@imt.net
Message-ID: <4jpse7$of0@cu.comp-unltd.com>
Source record: 203547

In article <315EBFE7.2104@iconn.net>, richpapa@iconn.net says...
>
>I have noticed that recently, when I first switch on my unit, the LCD
>display, when I press the PTT key, will fade by around 50%. This will
>last for around 3-5 short transmissions (usually 5 seconds or less).
>After that the LCD display seems to no longer fade when transmitting.
>Has anyone else had any similar experience.
>
>Rich
>N1VAJ

Every time it's happened to me it's been because the batteries were
not fully charged. Since the current drain during tx is several times higher
than rx, the voltage in a partially depleted battery can drop during high
current demand thus dimming the display. Keep your batteries charged and
your problem should disappear.

73
Scott -KC7MRV

105. Re: Problem with HeathKit SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: "Richard L. Duell" <rduell@iac.net>
Message-ID: <4jq401$5ia@cheyenne.iac.net>
Source record: 203548

Check the HV voltage multiplier resistor. Without looking it up, I think it's a 3.7 Megaohm. My SB220 and SB200 both eat them up. They change value and it looks like your HV is dropping

73, Rich - W5VDU

106. Re: WTB: Drake VFO 2NT-VFO ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4jq644$do4@cc.iu.net>
Source record: 203549

In <4j4rlu$r2q@news-e2b.gnn.com>, DKight@gnn.com (Dale Kight) writes:
>Wanted: VFO that matches Drake 2NT xmtr
>***
>Dale Kight NH6VR 3231 NW 50th St. #232 Oklahoma City, Ok. 73112

i don't think there was one. the matching receiver was the 2-C and xtals
were the law back then. heathkit's VF-1 seemed to be the usual vfo accessory
back then...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

107. Re: Yaesu "mil-spec" NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4jq60e$do4@cc.iu.net>
Source record: 203550

In <4jmi04$psm@miwok.nbn.com>, "Richard R. Fasi" <rfasi@.castles.com> writes:
>Some manufacturers build equipment to MIL Spec. Others build to mil spec
>and TEST to Mil spec such as Motorola.
>Dick KM6PA

i'll bet they don't do the mil testing on the products not to be sold to the
military. runs up the overhead and produces in house failures that had a good
chance not to occur in actual use.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

108. Need info on Alinco DR-112

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: fjh@alpha1.csd.uwm.edu
Message-ID: <4jqa0e$h9t@uwm.edu>
Source record: 203551

I just picked up an Alinco DR-112 at a hamfest with no docs that I'd like to put on packet. Does anyone have the pinout for the mic connector handy ?
Thanks & 73,
Fred, KF9ZI

--

Fred J. Helmstetter fjh@csd.uwm.edu
University of Wisconsin-Milwaukee (414) 229-4903
---

109. * Mods Needed *

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Johan Lehmann <jlehmann@mattek.csir.co.za>
Message-ID: <3160B36F.75A8@mattek.csir.co.za>
Source record: 203552

Does anyone have mods for the Yeasu FT-51R and Icom IC-820H. I have scanned most the ftp sites I know but no luck. I think the rigs may be to new still.

Help will be appreciated.

Johan Lehmann ZR6ANF
jlehmann@mattek.csir.co.za

110. Re: Kenwood TM-742A 10m question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: "Alan Johnson"
Message-ID: <4jq79f$c1v@Twain.MO.NET>
Source record: 203553

Yes, with the extended receive mod the 10 meter module will copy 11 meter AM. The squelch works strange by you can get your traffic reports. You can also copy AM all the way down to 15 meters.

73

Alan
K9CTF

111. Yaesu FT-41R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: jeff83@royals.ee.nctu.edu.tw
Message-ID: <4jqhjr$rut@netnews.nctu.edu.tw>
Source record: 203554

How can I expand FT-41R to receive radio over 440MHz ?
Any commends are preciated. Thank you !

--
Jeff

112. Re: KAM Upgrades

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: wdmilner@atcon.com
Message-ID: <4jqhqq$3qv@thor.atcon.com>
Source record: 203555

luru@foibe.otol.fi (Ari Husa) wrote:

>I have been offered an old Kantronics KAM TNC.
>It does not seem to know the latest HF modes (e.g. PACTOR, G-TOR).
>What are the upgrade possibilities for it?
>The serial number is 100 06262 and the EPROM has a label '2.85'.

I beleive there is an add on board for the KAM to take it to the KAM
Plus. The current BIOS version is 8.0 You might try www.kantronics.com
for further information.

Hope it helps.

Dean, VE1CBF VE1CBF@VE1CBF.ns.ca
wdmilner@atcon.com FN96VC

- - ... ... - -

113. Re: Problem with HeathKit SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: wdmilner@atcon.com
Message-ID: <4jqhqv$3qv@thor.atcon.com>
Source record: 203556

mchasse@primenet.com wrote:

>I have a SB-200 that has a high voltage problem. The meter report a high voltage of
>only 1700vdc and not the required 2400vdc for normal operation. Has any one encountered
>this problem. Any help would be great, as I don't want to rebuild the entire power supply
to
>find the problem.

I assume you've already checked the xfrmr and bridges. There is one
resistoe that CONSISTENTLY burns out in some SB200s. Check R2 - a 10K
2 watt resistor. It might be the problem.

Hope it helps

Dean

Dean, VE1CBF VE1CBF@VE1CBF.ns.ca
wdmilner@atcon.com FN96VC

- - ... ... - -

114. Re: KWD TS130 or TS140 INFO?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: ross langridge <carters@igrin.co.nz>
Message-ID: <4jqnrj$f7a@midland.co.nz>
Source record: 203557

I think you got your model numbers cocked-up old man!
TS 130 and TS 120 , really old sets.
TS 140 solid state and current model!

115. Re: Equalizer comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jqosi$nfh@crash.microserve.net>
Source record: 203558

Post / CC by Mail

Steve Dworkin <n2mdq@li.net> wrote:

>I have heard a number of stations (usually quite critical
>of their audio) that claimed to be using studio quality
>microphones and audio equalizers. My questions are twofold.
>(1) Does anyone know of a source for used studio mics?
>(2) What kinds of equalizers are applicable for this purpose?
>eg. Can you use a stereo-type equalizer just positioned into
>the audio line between the mic and the radio, or are these
>also studio-grade or special application units?

A stereo-type equalizer will work but it must have a microphone
preamp. Studio quality microphones are very expensive, new or used.
Considering the limited frequency response required for communications
work, it's my opinion that all of this is of only limited benefit.

>These guys always have booming signals with extremely real sounding
>audio. I cant go up another 100 ft, nor can I afford some of the amps
>out there, but this may be a feasable and fun place to really
>improve my station. Does anybody out there have any experience
>in this area?

The real sounding audio is more likely the result of being QRO than
anything else. Adding an amplifier increases the dynamic range of the
signal, and when it's really strong, the receiving station gets the
benefit of that. Also, to keep dynamic range high, the type of
operators you're referring to almost never use speech processing.

You could easily spend $300-600 for a used studio quality microphone
and a consumer-grade equalizer. However, for $350-500 you could buy
any of a number of good used amplifiers capable of delivering
750-1,000 watts. My advice is to buy the amplifier first. Then, if
you're not happy, pick up an equalizer or build a tone control
circuit. The latter is probably preferable, especially if it has a
separate control for bass, midrange and treble and is designed around
the communications audio range. Otherwise, you can end up with an
equalizer that affects only narrow bands of frequencies and which may
not have the control frequencies at the locations you need. Also, the
cheap ones (less than $300.00) can generate considerable ripple and
phase shift within the passband.

At any rate, once you've done all this, any remaining frequency
response irregularities will probably lie in the transmitter itself,
in which case a studio-quality mic won't help.

Incidentally, I've assumed the stations you mentioned were SSB or AM.
If they were FM, disregard all this. The dynamic range of FM signals
is limited primarily by bandwidth, not peak power capability.

73,
Jack WB3U

116. Wanted ICOM PS-35 Power Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Josh <jlogan@denver.net>
Message-ID: <4jqt4f$2qr@news.ism.net>
Source record: 203559

Looking to purchase ICOM PS 35 switching power supply

Kindly Email me at jlogan@denver.net

117. Looking for computer controllable transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: Michael Grant <mgrant@france.sun.com>
Message-ID: <3160F9AC.277@france.sun.com>
Source record: 203560

I'm looking for a 2M/70cm base/mobil tranciever which can be
controlled via a serial port. I want to essentially control the
entire radio from the serial port, including PTT.

Can anyone recommend a decent unit?

Please reply to me directly: mgrant@sun.com. If this isn't already in
some FAQ, I will send a followup of responses to the newsgroup.
Thanks.

Michael Grant

118. HTX-202 Expanded Recieve

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-02 00:00:00 UTC
From: ssauer40@ix.netcom.com
Message-ID: <4jq4dc$fdl@dfw-ixnews1.ix.netcom.com>
Source record: 203561

Does anyone know if the RS HTX 202 is modifiable to expand the recieve coverage like other brands that go from 118/130Mhz-174Mhz.
Or is it even possible or practical (anythings possible) just how much do you want to spend, right?
Thanks in advance Rick...KC7AXU

119. WANTED MODS FOR 890

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: dd980@FreeNet.Carleton.CA
Message-ID: <4jst9o$ear@freenet-news.carleton.ca>
Source record: 203362

I need the out of band mod for the yaesu ft 890 at

120. Re: Shit, my FM-25 is Fucked! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: tracer@citytel.net
Message-ID: <4jt0im$m50@onlink3.onlink.net>
Source record: 203363
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Kids read this group...watch your language...it's people like you that
make the Jesse Helms more than happy to look for censorship...a little
discretion..ok???????
graham@southlin.demon.co.uk (Graham Seale) wrote:

>In message <314C74DA.2BB3@shadow.net> cRiTTa66 wrote:

>> ok, heres the story,
>> A friend and i built the "FM-25" yesterday. We turned it on and
>> nothing.. So we looked at the troubleshooting guide, "check all the
>> capacatators for correct poplaraty" so well what do you know i fucked up
>> on C4. |||| ENOUGH .. ENOUGH |||| (snips)

>> PS i can be reached on IRC (undernet) on #god or #troy
>____

>#god + #troy .. now hear this!

>A completely different approach might have got you oodles of help!
>When the situation demands it, I can also blister the air blue. It helps
>alleviate the pain and frustration and/or is excused because it was
>delivered with such wit and good nature as to be forgiveable.

>What you do appears to be to seek attention (pathetic!), or to troll
>for flames (this time you got some!). My kids read my screen too, and
>I resent having to explain to them that the foul-mouthed norms you have
>adopted are characteristic on any channel that has a wide audience, and
>are unrepresentative of the rest of us. (eg. - repeater usage).

>Jeez - I don't even know what "undernet" is... maybe it's time to do a
>little slumming!

>73's ??? naah, the concept is wasted on you.
>88's as appropriate ??? OK - I gotta place (I'll show you where!)

>--
>Graham Seale

121. ICOM 2340H wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: mhodges@uceng.uc.edu
Message-ID: <4jt068$d1h@uceng.uc.edu>
Source record: 203364

Anyone having one of these radios they wish to sell please e-mail me. This is the last radio I need to have a complete "set." I have two Yaesu FT-530s and one Alinco DJ-580 dualbands, both modded for 460 MHZ and I need a good radio for my car. I was told this was a good one by hams in the area.
I was just wondering, is the 2340H or Alinco 610R (I believe it is) the better radio? I haven't had time to look at the Alinco so any info would be appreciated.

Mike :-)

122. Re: Using a Measurements Model 59 Grid Dip Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jt190$6ng@crash.microserve.net>
Source record: 203365

Post / CC by Mail

mikef@microtech.com (Michael A. Fallavollita, Ph.D.) wrote:

>A freind and I just purchased an old Measurements
>(Technology/Instruments) Model 59 grid dip meter. The problem is
>there isn't any documentation with the meter and we don't quite know
>how to use it. The biggest problem is that there isn't anywhere to
>attach the antenna.
>
>Can someone shed some light on how this thing is supposed to work?
>I'd really appreciate some insight.

I'm not familiar with that specific model. Is there a socket for
plug-in coils?

73,
Jack WB3U

123. Re: HTX_242 Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: de819@FreeNet.Carleton.CA
Message-ID: <4jt0n6$fdr@freenet-news.carleton.ca>
Source record: 203366

John Ferguson (jferg@outland.dtcc.edu) writes:
> Will the HTX-242 (45 watt 2M mobile by Radio Shack) work the MARS
> frequencies outside the 2M band? Can it be modified to do so?
>

My HTX-212 will transmit from 143-149MHz. What I am wondering is: what is the difference between the HTX-212 and the 242? What new features are supposed to be on the 242?

124. Needed: 2 ea. 8873 power tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: stein@iet.hist.no
Message-ID: <stein.44.31621651@iet.hist.no>
Source record: 203367

Hi, and thanks for reading this message.
A fellow ham of mine has recently bought a Henry linear which has both
of the tubes in need of replacement.
These are clamped to a heatsink with a BeO insulating block in between.
Anyone out there who wants to sell a couple of these tubes?
What price do you want?

Please e-mail me.

Stein
Stein-Olav Lund, LA9QV
Electronics Engineer
Sor Trondelag College,
Dept. of Engineering,
Inst. of Electronics
TRONDHEIM, NORWAY
Email:stein@iet.hist.no
"There's nothing like the sounds, sights and smell
of an old tube radio working.."

125. Re: 1.2 GHz Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jt6sk$9m4@crash.microserve.net>
Source record: 203368

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>People seem to have a lot of misunderstandings about "free path
>losses".

If anyone's interested, I have an Excel spreadsheet that calculates the received carrier/noise ratio at the receiver and plots it on a graph of distance VS dB. I designed it for commercial video transmission purposes, but the formulas and concepts are the same as for other modes. Parameters accepted by the spreadsheet are:

Transmitter power (watts)
Combiner/diplexer loss (dB)
Transmisison line loss (dB - or length and dB/100 feet)
Transmit antenna gain (dB)
Receive antenna gain (dBi)
Downconverter noise figure (dB)
Signal bandwidth (MHz)

The last parameter is used to calculate ENI (equivalent noise input) at the downconverter. Along the way, the sheet also displays EIRP in watts and dBm, as well as free space (path) loss. It assumes no obstructions in the path and 0.6 Fresnel clearance. I also have a second sheet that provides a visual representation of 0.6 Fresnel clearance for user-selectable frequency, distance, and transmit and receive antenna heights.

>And penetration into buildings and autos is *greater* as frequency
>increases because the openings through which the signal enters the
>structure become *larger* with respect to a wavelength.
<snip>
>The one area where higher frequencies suffer is in absorption by
>foliage, wooden and masonary structures, etc. This does get worse
>with increasing frequency. If you're at ground level trying to
>communicate with someone else at ground level, and you're both in
>dense forest, then a lower frequency will work better than a higher
>one.

I haven't worked with signals at 1.2 GHz, but at 2.1 and 2.5-2.7 GHz, signal absorption is much more prominent than the increased penetration described earlier. Signals can easily be attenuated by 10 or 20 dB (or more) after entering a structure or passing through even a small stand of trees.

73,
Jack WB3U

126. Re: How to setup an dual computerlink via radio. Is it possible ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4jt8cm$34ii@info4.rus.uni-stuttgart.de>
Source record: 203369
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

Franky Noten <Franky.Noten@ping.be> wrote:

>I would like to setup an link between 2 computers.
>What's the maximum speed I can transmit on ?

The speed of light.

>Thanks.

You are welcome.

127. Re: Hasn't the "HF Sucks" thread wasted enough time?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jtakg$hob@uwm.edu>
Source record: 203370

D.W.Hemphill KC5NG (QRP%mimi@magic.itg.ti.com) wrote:
: Can't we kill this thread (or let it die) yet? Why is it
: that someone has to always post some controversial message
: that he/she knows is gonna stir up a hornet's nest, on a
: newsgroup that's supposed to discuss EQUIPMENT, not what
: facets of ham radio suck or don't suck?
:
: Please, let this mindless waste of time die and let's use
: the newsgroup for its intended purpose. Please?
:
: 73 de KC5NG
:
For posting in this group I apologize. If you remember correctly I did
this allready immediately after realizing I had posted here.

Nate.

128. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4jtahg$hob@uwm.edu>
Source record: 203371

Glenn Hansen (ghansen@accessone.com) wrote:

:
: I think it has more to do with being aa eighteen year old who must be bored as
: hell to try and get attention this way.
:
Actually, it has to do with an 18 year old who made the mistake of
thinking this hobby had anything to offer someone my age. Maybe I should
try ham radio again in 50 years when I truly have nothing better to do,
and by then you won't need to know code.

Nate.

129. Re: Ten-Tec Scout , Opinions, Comments.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4jtdc8$48vo@info4.rus.uni-stuttgart.de>
Source record: 203372

>I am looking at the Ten-Tec Scout for my first HF rig and I am interested in
>getting comments on and/or actual experiences, and opinions about this rig.

Hi Donn,

There has been much traffic on the group about this rig, and most responses
were very enthusastic. for quite little money you get a receiver wich is
much better than those of the low cost imports. The latter have a wide band
front end, and inductors tend to be very small and succeptible to saturation.

Gary is correct in mentioning that a s/h IC735 is a good alternative,
but buying a good s/h radio is another issue.

the new compact mobile rigs like the TS50 are surely "more radio" in that they
have 100W TX power and more knobs to play with.

good luck, 73, Moritz DL5UH

130. TenTec 2 Meter Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: dwentz@basenet.net
Message-ID: <4jsrfa$tc3@news.accessus.net>
Source record: 203373

Has anyone built the TenTec 2 Meter Kit? I am interested in the 6 Meter kit that is shipping in 3-4 weeks, and would like to hear from anyone who has purchased the 2 Meter Kit.

73's de KB9JJA/Dale dwentz@basenet.net

131. PRO-2035 Still For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jthta$8sm@newsbf02.news.aol.com>
Source record: 203374

Selling, PRO-2035 almost like brand new. $250 + shipping!

1000 Channels, with many features!

If interested let me know.... N9MXT1 - Jeffrey

132. Re: Yaesu FT530 help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: red5or7@aol.com
Message-ID: <4jtcbv$721@newsbf02.news.aol.com>
Source record: 203375

I looked all over trying to find Yaesu's "special" plug. Never found it! However, I ended up buying 2 of Yaesu's plugs (with about 3' of wire attached to each one) from one of the Seattle area ham stores for about $6 each. I attached them to high quality cig lighter plugs (from old radar detectors) with a FUSE. They work very well. So, I could have saved a lot of gasoline and time if I'd just bought the plugs from Yaesu in the first place. But, live and learn, learn, learn (and have FUN doing it). 73. Scott

133. Radio Shack HTX-242

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Larry Bourdillon <labour@ix.netcom.com>
Message-ID: <4jsrdn$igo@dfw-ixnews6.ix.netcom.com>
Source record: 203376

The latest flyer lists the HTX-242 (2mtr. mobil) at $299.99 - presumably it's the successor to the HTX-212. Has 41 memories instead of 30 and some cosmetic differences. What else (if anything) is different? Anybody know? Thanks

..larry

134. PK232MBX For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4jthle$8jt@newsbf02.news.aol.com>
Source record: 203377

I am selling a PK-232MBX in great conditon! This TNC has Packet, Morse Code, Baudot, ASCII RTTY, WEFAX, NAVTEX, and AMTOR/SITOR will do PACTOR with upgrade. Also, has 2 ports can handle HF/VHF. 18k Mailbox inside and plenty more....

Have manuals, cables made up for Kenwood TS450 if you have this also have premade cable for Kenwood HT. If you have another radio I have plan cable for you to make your own cable for your exact radio. Might even have the box... will have to check though!

If interested I am selling it for $185 + shipping.

This setup is still available for anyone who is interested.... If interested email me back. N9MXT1 - Jeffrey

135. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4jtsrr$fb9@newsbf02.news.aol.com>
Source record: 203378

In article <Dp8rM0.7y9@twisto.eng.hou.compaq.com>, Monty Wilson
<mwilson@bangate.compaq.com> writes:

>
>I attended a forum at Dayton several years ago. I don't remember
>the name of the lecturer, but this guy was an antenna expert. He
>really knew his stuff. The forum I attended was on coax and other
>feedlines, and one subject he covered was this business of using an
>electrical half-wavelength feedline. He explained the several reasons
>why this really should be done, then quickly went through the
>calculations. What he found was that for all bands 10-80 there was a
>length that was a multiple of a half-wave, or close-enough to it.
>For a coax with a velocity factor of .66, that length is 91'3".

Gee Monty,

Often times a half wave of feeder is the LAST thing you want.

What was the reason for such a strange conclusion?

73 Tom

136. Re: HTX_242 Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: John Ferguson <jferg@outland.dtcc.edu>
Message-ID: <Pine.SV4.3.91.960403075502.25693B-100000@outland.dtcc.edu>
Source record: 203379

On 3 Apr 1996, Marc Purdon wrote:

> John Ferguson (jferg@outland.dtcc.edu) writes:
> > Will the HTX-242 (45 watt 2M mobile by Radio Shack) work the MARS
> > frequencies outside the 2M band? Can it be modified to do so?
> >
>
> My HTX-212 will transmit from 143-149MHz. What I am wondering is: what is
> the difference between the HTX-212 and the 242? What new features are
> supposed to be on the 242?
>
Thanks for your reply. I guess I should have asked about odd splits
and if it handles them well, also? Seems to be a nice rig at an
attractive price. I assume you like it and find that it meets your needs.
Thanks again for your reply.

* *
JFERG @ OUTLAND.DTCC.EDU / Bend it to fit.....
John S. Ferguson K3PFW / Paint it to match.
Delaware Tech. & Comm. College-Owens Campus, Georgetown DE 19947 USA
* *

137. Wanted: 928Mhz link equip/info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: David.Bourque@analog.COM
Message-ID: <199604031302.AA02316@adinet.analog.com>
Source record: 203380

Info and equipment wanted.

I'm planning to install a 928 Mhz link to a remote receiver for my UHF repeater. Does anyone have or can point me to some decent equipment for this task? I need a seperate receiver and transmitter. I want to cover a 10 mile shot between the two sites so I don't need lots of power.

I'm looking to beg, borrow, steal, buy and/or modify any equipment that is capable of operating on this frequency. I have a shortage of test equipment for this frequency range so repair/modification will be difficult but I will consider nearly anything.

Thanks. Post replies or email me directly.

David
WB1FLD
david.bourque@analog.com

138. Re: ICOM W2A Repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4jtuqi$o09@news.halcyon.com>
Source record: 203381

Gary Pearce KN4AQ <kn4aq.gary@mms.net> wrote:

>Gene McAvoy wrote:
>>
>> Anyone know where I can get a flat rate quote on repair of a ICOM W2A?
>> Icom in Bellvue, WA wants $65. / hr with a one hour minimum before
>> they even open the case. There is a ribbon cable in mine that has a
>> tear and I'd rather not dig into it myself...no proper tools.
>>
>> HELP!
>>
>> Gene / KG7XD
>> scanware@sincom.com

>Hi, Gene. I understand your reluctance to subject yourself to an "open
>ended" repair bill. I've had work done in Bellvue on several of my Icom
>radios, and most of it was done withing the one-hour charge (plus parts).

>If your work is as simple as you say, there's nothing to worry about.

>Perhaps someone else can recommend exactly what you're looking for, or a
>cheaper, independent service tech.

>73,
>Gary KN4AQ
>Raleigh, NC
Doubtful many shops would be willing to Flat Rate charge for repairs
on Amateur radio equipment due to the nature of the hobby. Owners
are likely to go into the radio and attempt repairs. many times
causing more damage then if they sent it to the factory. There are
other service centers that service ICOM equipment, you might ask at
75540.525@compuserve.com for a listing of authorized repair centers.
Malcom Technical Support in Colville, Wa is reasonably priced.

Gary

139. Re: Need acc pinouts IC720A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4jtuvm$o09@news.halcyon.com>
Source record: 203382

choffman@pelican.davlin.net (Charles Hoffman) wrote:

>I need to know the pinouts on the accessory socket of a IC720A for
>external control. There should be several relay contact pins
>available but dont have a book. Trying to control amplifier and need
>ground on TX.

>tnx 73 K5SBU

I think Pin 2 is 13.8 volts and I know Pin 3 goes to ground during
transmit. Attach a relay coil with a resistance of 150 ohms or mroe
for low current to Pins 2 and 3. now when you key the radio the relay
will close and the amplifier will key when attached to the normally
open contacts..

Gary

140. Yaesu FT10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: "Nick J Chiarchiaro, AET /N2QXF" <njc@warwick.net>
Message-ID: <4ju0d1$ot6@news1.warwick.net>
Source record: 203383

Hi Name is Nick. I was wondering how do you like your
FT-10/40? Toughness? Audio? ETC?

Tnx and 73 Nick/N2QXF

141. Re: Yaesu FT530 help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: jrw4@ix.netcom.com
Message-ID: <4jt6li$mhl@cloner2.ix.netcom.com>
Source record: 203384

In article <315DD01E.2C7B@sprynet.com>, dblizzar@sprynet.com (Dave Blizzard) wrote:
>I recently bought a new FT530 from the local dealer but can't find a
>source for the coax plug used to power this HT from an external DC
>supply. As usual the manual doesn't provide the spec, all it says is
>either a 3.7mm or 4.0mm plug (depending on where you look in the
>manual) but the inside diameter is not specified. All the usual local
>sources don't have anything that will fit.
>What size is it really???
>Any help would be appreciated.
>--
>---
>73's from Dave Blizzard - VE3SVL
>blizzard@canoe.ca
>---

Forget it. Buy it from Yaesu or you won't have one. My experience has been
that there's only two places to find that size plug:

1. Yaesu
2. Japan

On the other hand, the folks at Yaesu are real friendly and helpful.

-JRW4
aka KB5ZBR

142. FS Quintron 350 watt base stations

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: chb890@aol.com
Message-ID: <4jtqtp$eao@newsbf02.news.aol.com>
Source record: 203385

FOR SALE. QUINTRON 35 MHZ OR 43 MHZ 350 WATT PAGING TRANSMITTERS.
LATE MODEL7300 SERIES.
MAKE OFFER.
ALSO GLENAIRE IMTS 4 CHANNEL TERMINAL.
MAKE OFFER.
20 CHANNEL, 24 HOUR TAPE RECORDER WITH TAPE LOGGING UNIT.
MAKE OFFER
200 & 400 AMP 48 VOLT TELCO CO POWER SUPPLIES.
MAKE OFFER.

MAKE OFFERS BY E-MAIL CHB890@AOL.COM
OR FAX 817-598-1661

ATTN: CHARLES

CHB890@AOL.COM

Charles H. Beard
CSSI
FAX 817-596-9842
TELCO 817-596-8767 ext 218

143. KaWin News

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4ju1ng$501@news-2.csn.net>
Source record: 203386
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

KAWIN NEWS

KaWin 6.37 is ready for download! Minor changes to the help file too.

The big news in version 6.37 will be a big yawn to registered KaWin users, but I'm hoping it will lighten the flames that periodically decorate my screen. ;-)

It starts with a new, kinder and gentler, nag meter. The new meter does not start running until the first time data is "sent" from KaWin. That means a prospective user can monitor indefinitely and explore the menus and features without the anxiety of that nasty old nag meter. Once it starts running, the new nag meter is purely time based, and visible, right at the top of the screen.

So, if you know someone who just couldn't get past the old nag meter to thoroughly evaluate KaWin, now's the time to try again.

Another assist for new users is an operator alert at program exit if a TNC that was opened in terminal mode is about to be closed in host mode. Host mode close remains the default - and, for good reason - but, TNC users who are new to host mode have been righteously incensed when their TNC fails to respond to their old terminal mode program after exiting from KaWin. This new feature should help.

Finally, KaWin has long been able to preserve the HF mode of a Kam from session to session as long as the Kam is not powered off, or if the Kam was closed in terminal mode. Now, that same capability has been extended to Host Mode close - even if the Kam is powered off between sessions.

All currently reported bugs are fixed in 6.37.

To add to the KaWin News mailing list, send email to stan@mutadv.com with the word SUBSCRIBE in the subject line, or use the handy subscription link on the KaWin Home Page. To be removed from the list, send email to stan@mutadv.com with the word UNSUBSCRIBE in the subject line and be sure to include the email address this message was sent to in the body. I cannot remove you if I don't know your address!

73, Igottago... Stan ..

KaWin News is published by Stan Huntting, KF0IA.
--
Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

144. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: walt@servelan.co.uk
Message-ID: <4ju4ep$qdt@tube.news.pipex.net>
Source record: 203387
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

slwork@netcom.com (Steve Work) wrote:

>: My 11 year old reads this newsgroup and it's
>: certainly not a good example.

>Don't you know what a kill-file is?

A heavy iron file, used for killing precocious 11-year-old readers of
obscene radio-related news articles?

--
Walt Davidson E-mail: walt@servelan.co.uk
100523.1414@compuserve.com

145. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <DpAL8r.Kz8@twisto.eng.hou.compaq.com>
Source record: 203388

w8jitom@aol.com (W8JI Tom) wrote:
>In article <Dp8rM0.7y9@twisto.eng.hou.compaq.com>, Monty Wilson
><mwilson@bangate.compaq.com> writes:
>
>>
>>I attended a forum at Dayton several years ago. I don't remember
>>the name of the lecturer, but this guy was an antenna expert. He
>>really knew his stuff. The forum I attended was on coax and other
>>feedlines, and one subject he covered was this business of using an
>>electrical half-wavelength feedline. He explained the several reasons
>>why this really should be done, then quickly went through the
>>calculations. What he found was that for all bands 10-80 there was a
>>length that was a multiple of a half-wave, or close-enough to it.
>>For a coax with a velocity factor of .66, that length is 91'3".
>
>Gee Monty,
>
>Often times a half wave of feeder is the LAST thing you want.
>
>What was the reason for such a strange conclusion?

When you are feeding a 50 ohm antenna system from a 50 ohm radio, with
50 ohm coax, minimum standing waves on the braid of your
coax (and thus minimum RF in the shack)
is achieved when the points at each end of the coax are current nodes. In
other words, there is a current node where the coax attaches to the radio,
optionally some others along the coax, and another current node at the
antenna feed point. Since current nodes occur at integer multiples of a
half wavelength down the coax, you want to choose your coax length so one
of them occurs at the end. Voltage nodes, on the other hand, occur at ODD
multiples of a QUARTER wavelength; in other words, halfway between the
current nodes. In the case of a tuned 50 ohm dipole, the ends of the
radiators are voltage nodes.

Choosing a feedline that's an electrical half wave (or multiple thereof)
not only reduces RF in the shack, but it also makes the SWR readings on
the shack wattmeter more accurately reflect what's going on out at the
antenna.

Someone correct me if I'm misremembering this. I guess y'all would
anyway?

73

--
.........Monty.

mwilson@bangate.compaq.com

146. Re: HTX-202 Expanded Recieve

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: jrw4@ix.netcom.com
Message-ID: <4jt6gk$mhl@cloner2.ix.netcom.com>
Source record: 203389

In article <4jq4dc$fdl@dfw-ixnews1.ix.netcom.com>, ssauer40@ix.netcom.com(Richard J Jones) wrote:
>Does anyone know if the RS HTX 202 is modifiable to expand the recieve
>coverage like other brands that go from 118/130Mhz-174Mhz.
>Or is it even possible or practical (anythings possible) just how much
>do you want to spend, right?
>Thanks in advance Rick...KC7AXU

No No No No No...

Cannot be done. No way, no how.

The 202 was PURPOSELY designed to receive 2 meter amateur frequencies ONLY -- that's why it has the tightest front-end on the market. If you want an expandable receive, you'll have to trade it for another brand -- and be willing to live with more intermod.

If you ever see a mod for a 202 to enpand RX or TX... here's a word of warning:

DON'T DO IT

Unless you want $200 worth of useless electronic parts, that is.

-JRW4
aka KB5ZBR

147. WTB: WEATHER RADAR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: chb890@aol.com
Message-ID: <4jubf0$k4u@newsbf02.news.aol.com>
Source record: 203390

WTB
COLOR WEATHER RADAR WITH 48-68 MILE RANGE WORKING COND.

WTB
KENWOOD TK733 MOBILE

E-MAIL OR FAX INFO INC. PRICE,COND., SPECS, AND OTHER INFO.

E-MAIL CHB890@AOL.COM
FAX 817-598-1661
Charles H. Beard
CSSI
FAX 817-596-9842
TELCO 817-596-8767 ext 218

148. Re: Kenwood TM-455a Cheap??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Apr3.102110.504@nad.com>
Source record: 203391

In article <3161C629.709E@rrnet.com>, Jeff Goebel <jgoebel@rrnet.com> writes:
> I have noticed that AES has a very low price on the Kenwood TM-455a. I have
> wanted a 70cm all mode and am impressed with the price.
>
> Does anyone know the frequency coverage on this rig? Will it work the FM
> repeaters or only the SSB frequencies?
>
> Jeff N0VHB
> jgoebel@rrnet.com

Jeff,
As I understand it, the rig covers only 430-440 - hence no US repeaters.
If anyone differs, please speak up! This is a nice price, but it still
seems too high for a radio with limited utility.
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

149. WTF: ant tuner like an mfj-948

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: griierz@aol.com
Message-ID: <4juau0$js7@newsbf02.news.aol.com>
Source record: 203392

Looking for an atn tuner

thanks
robert

150. Re: Yaesu FT10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: byoung@qni.com
Message-ID: <4jubt1$183@suba01.suba.com>
Source record: 203393

Nick,

I love the little radio! I've got an FT-10 with the '41 battery, and it's a marvel. The audio is great from the the radio itself and from Yaesu's optional speaker microphone. It sits very comfortably on your belt. I program mine without the optional software, and it's straightforward. I have to admit to "testing" it's durability on the first day I got it, and it suffered no damage from a four foot fall to the floor. With the RX Battery Saver mode turned on, the radio will run for almost a whole week on a single charged NiCd. Sorry to ramble, but I was just kinda thinking as I wrote...

Complaints? The "reverse SMA" antenna connector can be frustrating! I also use mine at the office with a "300 ohm J-pole" in the window and at home for an APRS station. Having to unscrew the duck, screw in the adapter, attach the BNC antenna connector, use the radio, disconnect the BNC, unscrew the adapter, and screw the rubber duck back in gets "tiring".

I've been *VERY* pleased with mine. If you buy one, I think you will be too.

Bill Young
byoung@qni.com
KB0UZQ

151. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4jue3f$l6l@newsbf02.news.aol.com>
Source record: 203394

In article <DpAL8r.Kz8@twisto.eng.hou.compaq.com>, Monty Wilson
<mwilson@bangate.compaq.com> writes:

>When you are feeding a 50 ohm antenna system from a 50 ohm radio, with
>50 ohm coax, minimum standing waves on the braid of your
>coax (and thus minimum RF in the shack)
>is achieved when the points at each end of the coax are current nodes.

No, that isn't true at all! Common mode currents (that cause RF in the
shack):

First, are they are not affected by the velocity factor of the cable. The
cable's internal dielectric has no effect on these currents! The
surroundings of the cable does have a great effect, and that varies with
cable placement. The use of the cable's published velocity factor in the
formula is completely without merit!

Second, a half wave of cable, or multiples (for common mode), is the WORSE
possible length imaginable to use with a half wave antenna. Unless you
WANT maximum RF in the shack! The ground connection at the shack reflects
as a low impedance for common mode currents at the antenna, and
maximum feedline common mode current occurs.

>other words, there is a current node where the coax attaches to the
radio,
>optionally some others along the coax, and another current node at the
>antenna feed point.

Feeding a half wave dipole, there will be a common mode current loop
(maxima) at the radio and at the antenna!

>half wavelength down the coax, you want to choose your coax length so one
>of them occurs at the end.

We really "want" the cable to present a very high impedance for common
mode currents at the sorce of the currents. That is at the antenna, or the
balanced to unbalanced junction. The highest impedance comes from using a
quarter wave of coax between a dipole antenna and rig.

Voltage nodes, on the other hand, occur at ODD
>multiples of a QUARTER wavelength; in other words, halfway between the
>current nodes. In the case of a tuned 50 ohm dipole, the ends of the
>radiators are voltage nodes.

The ends of the antennas are voltage maxima, not nodes. Node is the
minimum.

>Choosing a feedline that's an electrical half wave (or multiple thereof)
>not only reduces RF in the shack, but it also makes the SWR readings on
>the shack wattmeter more accurately reflect what's going on out at the
>antenna.

If the meter reads different SWR as it's moved along the line, either the meter or the line is of a different design impedance. If the meter's design impedance is 50 ohms, and the line design impedance is 50 ohms, the SWR reading will be correct and the same anywhere along the line (unless the line is very lossy).

Did a lecturer at Dayton actually say all of this without anyone questioning him?

73 Tom

152. WTB Icom IC-H16

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: fred@sol1.lrsm.upenn.edu
Message-ID: <4juhih$799@netnews.upenn.edu>
Source record: 203395

I am looking for a Icom IC-H16. I have batteries and the charger.
Please e-mail if you have one for sale.

153. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4jui3t$f31@itnews.sc.intel.com>
Source record: 203396

w8jitom@aol.com (W8JI Tom) wrote:
>Did a lecturer at Dayton actually say all of this without anyone
>questioning him?

I heard he also said there's no such thing as a conjugate match. :-)

73, Cecil, KG7BK, OOTC (not speaking for my employer)

154. 6AV6 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: 3jpd4@qlink.queensu.ca
Message-ID: <4jul5f$lcn@knot.queensu.ca>
Source record: 203397

I'm looking for 2 or 3 NOS 6AV6 tubes (7 pin miniatures). Any out there
for a good price? Thanks.

--
~~~~~~
Jonathan 3jpd4@qlink.queensu.ca distortion/dissolution/desire
~~~~~~

155. Newbie needs help with a local set

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Jaded <72260.3026@CompuServe.COM>
Message-ID: <4juloe$r9b$3@mhafn.production.compuserve.com>
Source record: 203398
Cross-posted to:
aus.radio.amateur.digital,aus.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,alt.radio.pirate

I want to set up a local station with a 1000 meter radius. I know I'll need a liscience, 'cause I don't feel like having the FCC coming in the magic vans. I have a few friends who will help with the cost, but I want to keep it under $100.

Thanks!
Jade El'Muerte

--

Jaded

156. A newbie needs help settingup local

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Jaded <72260.3026@CompuServe.COM>
Message-ID: <4jul7o$r9b$2@mhafn.production.compuserve.com>
Source record: 203399
Cross-posted to: aus.radio.amateur.misc,rec.music.makers.guitar.tablature,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,alt.radio.pirate

I am interested in setting up a local radio channel with a 1000m
radius. I want to do this cheaply, But I do have several
investors, so the total can at most be $100.

Thanks in advance!
Jade El'Muerte

--

Jaded

157. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Monty Wilson <mwilson@bangate.compaq.com>
Message-ID: <DpAy46.HHA@twisto.eng.hou.compaq.com>
Source record: 203400

w8jitom@aol.com (W8JI Tom) wrote:
>In article <DpAL8r.Kz8@twisto.eng.hou.compaq.com>, Monty Wilson
><mwilson@bangate.compaq.com> writes:
>
>>When you are feeding a 50 ohm antenna system from a 50 ohm radio, with
>>50 ohm coax, minimum standing waves on the braid of your
>>coax (and thus minimum RF in the shack)
>>is achieved when the points at each end of the coax are current nodes.
>
>No, that isn't true at all! Common mode currents (that cause RF in the
>shack):
>
>First, are they are not affected by the velocity factor of the cable. The
>cable's internal dielectric has no effect on these currents! The
>surroundings of the cable does have a great effect, and that varies with
>cable placement. The use of the cable's published velocity factor in the
>formula is completely without merit!

Well what he was using the velocity factor for was to determine what
PHYSICAL length of cable represented an ELECTRICAL half wave. In other
words, if you wanted a half wave length of feedline for six meters, you
can't just measure out three meters of coax; you first have to multiply
by the velocity factor. If you disagree with that, then you definitely
have a disagreement with this fellow, because I remember that part of
his presentation very distinctly.

>Second, a half wave of cable, or multiples (for common mode), is the WORSE
>possible length imaginable to use with a half wave antenna. Unless you
>WANT maximum RF in the shack! The ground connection at the shack reflects
>as a low impedance for common mode currents at the antenna, and
>**maximum** feedline common mode current occurs.

The ideal feedline is that which looks like there is no feedline at all;
in other words, the rig generating the RF signal appears to be right at
the antenna. Zero is an integer multiple of a half wave, but it is not
an odd multiple of a quarter wave.

If there is an error here, then it is only in my own mind and my memory
of the event. But I sure thought I heard "integer multiple of a half
wavelength," and I definitely heard 91'3".

>>other words, there is a current node where the coax attaches to the
>radio,
>>optionally some others along the coax, and another current node at the
>>antenna feed point.
>

>Feeding a half wave dipole, there will be a common mode current loop
>(maxima) at the radio and at the antenna!

I'm not talking about common mode and I'm not talking about differential mode. I'm not talking about loops, spins or dive bombs. All I'm saying is that in a properly designed feedline and antenna system, the RF current which flows from the radio, through the feedline, to the antenna, will be at a maximum at the radio and again at the antenna, and the voltage at these points will be a minimum.

I never said this stuff was gospel. I am, after all, doing this from memory and I'm just trying to impart it to the original poster as best I can. I did ask for corrections and comments. I guess the exclamation points were thrown in free of charge.

>>Choosing a feedline that's an electrical half wave (or multiple thereof)
>>not only reduces RF in the shack, but it also makes the SWR readings on
>>the shack wattmeter more accurately reflect what's going on out at the
>>antenna.
>
>If the meter reads different SWR as it's moved along the line, either the
>meter or the line is of a different design impedance. If the meter's
>design impedance is 50 ohms, and the line design impedance is 50 ohms, the
>SWR reading will be correct and the same anywhere along the line (unless
>the line is very lossy).

A meter is only capable of reading what's going on at its terminals.

>Did a lecturer at Dayton actually say all of this without anyone
>questioning him?

Not just a lecturer, an antenna and feedline expert. No, apparently he did not say "all of this," he seems to have said something that I misremembered as being "all of this." No, he didn't lecture without questions. He took lots of questions, and answered them very satisfactorily.

Yours are the only comments I've received. I guess I'd better try and find this guy again. I'm trying to reproduce the computations now, for the 80m ham band. 468 / 3.5 (low end of 80m in Mhz) times a velocity factor of .66 gives 88 feet three inches. I wonder if the 91'3" could be close enough to this length for correct operation on 80m and the 3' difference was done to bring some other band into "close enough" range. However, the upper end of the band (for example 3.9 MHz) gives a length of 79'2".

It sure seemed convincing when I was sitting there.
--
.....Monty.
mwilson@bangate.compaq.com

158. WTB:morse code tapes and Preparation manual for general

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: carlosr@csulb.edu
Message-ID: <4jur9r$foq@hatathli.csulb.edu>
Source record: 203401

I am a technician and want to have my general license. I don't know anything about code,so I am looking for tapes that would let me go as fast as 13wpm. I also want the Gordom West preparation manual for the general license. 73's
Carlos

159. Re: Timewave DSP-59+ EXPERIENCE?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: levine@mc.com
Message-ID: <4juqqg$b9b@newsy.mc.com>
Source record: 203402

```
In article <4jai0f$g89@whidbey.whidbey.com>, psikes@whidbey.net (Phil Sikes) writes:
-->Marty Gulseth <gulseth@spk.hp.com> wrote:
-->
-->>Hello All,
-->
-->>Anyone out there with a Timewave DSP 59+ (I think/hope that's the proper
-->>model #)? Comments, esp. re operation with HF digital modes?
-->
-->>TNX es 73 DE W7LEJ
-->
-->>Marty, Spokane, WA
-->
-->Hi Marty, I have the DSP59+ and really enjoy using it. I don't do much
-->digital but it does a good job. It is very good on CW and helps quite
-->a bit on SSB also. I tried the MFJ 784B before buying this one and the
-->Timewave is much easier to use. I would buy it again!
-->
-->73 de KJ7NS
-->
-->Phil, Oak Harbor, WA
-->

I use the DSP 59+ almost exclusively on the digital modes, especially
nice during RTTY contests. Set the BP filter to 300-400hz and set the
center freq to 2120 (I think that's it, a special setting for RTTY)
and you can really isolate a signal in a cluttered environment!

Very nice piece of gear. For CW, setting the BP to 200-300hz and the
center freq to 800hz really lets you isolate weak cw signals too.

--
/************************************************************
* Bob Levine *
* Manager of Application Engineering *
* Mercury Computer Systems KD1GG/VK2GYN/7J1AIS *
************************************************************/
```

160. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: griffithj@ricks.edu
Message-ID: <DpApA3.5ED@ricks.edu>
Source record: 203403

In article <4jelum$6ls@uwm.edu>, herb@alpha1.csd.uwm.edu says...
>
>I think you are right in the type of on the air traffic that takes place on HF. But, there is just as much that is fun and useful conversations. Some of us old farts, had no trouble getting to 20wpm, or passing the test that went with it, or the 2nd and 1st class telephone tests, supporting our family for 40 years from the money we made in the electronics industry that all started with a novice ticket.

We didn't malign the HF bands, or the hobby for the skill it gave us to put food on the table and add to our knowladge of electronics and the world about us. Of course our conversations may be a little empty now, but not as empty as some of the heads that talk about us. Who live on fast foods, in apartments, with nothing paid for, and nothing elce to do but call us old farts smelly.

Jim, WA7NDD

161. Re: How to setup an dual computerlink via radio. Is it possible ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Mark Schoonover <schoon@cts.com>
Message-ID: <3162F270.7ED4@cts.com>
Source record: 203404
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

```
moritz@ipers1.e-technik.uni-stuttgart.de wrote:
>
> Franky Noten <Franky.Noten@ping.be> wrote:
>
> >I would like to setup an link between 2 computers.
> >What's the maximum speed I can transmit on ?
>
> The speed of light.

^^^^^^^^^^^^^^^^^^^^

Well, That's not entirely true. Electrons move slower through copper
wire than throught the void of space.
>
> >Thanks.
>
> You are welcome.

--
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Mark Schoonover -- KA6WKE E-Mail: schoon@cts.com
San Diego, CA
Kenwood R-1000, BC2500XLT, PK232MBX/JVFAX, 66' Indoor Dipole
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

162. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: levine@mc.com
Message-ID: <4jur83$b9b@newsy.mc.com>
Source record: 203405
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <brivfq4bcd.fsf@xmission.xmission.com>, crum@xmission.xmission.com (crum) writes:
-->I'm thinking about ARRL insurance. Any experience with it (claims)?
-->I don't have too much stuff -- just a few FM radios for voice and
-->computer networking. But, I lost a handheld last year while hiking!
-->An Alinco DJ-580T! I'll certainly tether my HT nicely while hiking
-->from now on, but a friend said that ARRL insurance covers accidently
-->like that, so I'm interested.

My experience was great. Had a dual band mobile and HT stolen from
my truck about 2 years ago. Had a check for ~$1,200 about a week after
they received my Police Report.

One thing to keep in mind. You only get the amount of money you claim
the item is worth. It is not really replacement coverage. In other words,
if your 3 year old dual band mobile is ripped off, you get what you itemized
it for, not what it costs to buy a new one. I update my itemization every
year. ($50 deductible applies).

So if you want to get $700 for that dual band radio if it is ripped off,
you need to insure it for $750. That costs 7.5 * $1.50 = $10.50/year.

--
/***
* Bob Levine *
* Manager of Application Engineering *
* Mercury Computer Systems KD1GG/VK2GYN/7J1AIS *
***/

163. Handheld batteries help, please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: perryrt@flinthill.com
Message-ID: <4jurq7$kg4@news.flinthills.com>
Source record: 203406
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Does anyone remember the name and adress of the place that does the really good (and cheap) reconditioned/used handheld batteries? I can't seem to find it around here...

Thanks!

Regards,

R. T. Perry
perryrt@flinthills.com
KF4BAL
GMOO

- The world is divided up into two groups of people: Those that use HP's, and those that yell "HEY! Where's the equals sign!"

164. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: levine@mc.com
Message-ID: <4jurqp$b9b@newsy.mc.com>
Source record: 203407

In article <4jg8hd$n3l@uwm.edu>, herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) writes:
-->
-->
--> You can't close what's never been opened! I think the door, in this
--> post is a metaphor for the mind of the person who wrote it! You wan't
--> all of us No-Code losers to stay away from your precious spectrum, so
^^^^^^^^^^^^^^
--> that we will not polute it with free thinking!
-->
-->
--> Good Tactic.
-->
-->
-->
--> Nate.
-->
-->
-->

No one said this. The real wonder of ham radio is the global communications
aspect. Don't overlook the education you get about antennas, feedlines,
propogation, etc... , some of which really only apply to HF. VHF is fun
also, but explore all the aspects of the hobby. You'll be glad you did.

5wpm is no code!

--
/***
* Bob Levine *
* Manager of Application Engineering *
* Mercury Computer Systems KD1GG/VK2GYN/7J1AIS *
***/

165. Re: looking for a variable capacitor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Jared Cassidy <jcassidy@svetlana.com>
Message-ID: <3162F70E.11EC@svetlana.com>
Source record: 203408

jalsa wrote:
>
> I am looking for a 75pf-100pf variable capacitor. THis is not available at
> radio shack. Does anyone know where to find such an item? Catalogs,etc.?
>
> kuldinow@remus.rutgers.edu
>
> --
> Jalsa Salsa
> kuldinow@remus.rutgers.edu

Check with Antique Electronic Supply, they might be able to help. Their telephone number is 602-820-5411.

You might also check with Surplus Sales of Nebraska and Fair Radio Sales. Ten-Tec may also have a high
voltage variable cap available.

Good Luck!

73,

Jared Cassidy, KQ4VT
Svetlana Electron Devices, Inc.
E-mail: jcassidy@svetlana.com

166. FS: IC706 & TM742a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4juvau$cm4$1@mhade.production.compuserve.com>
Source record: 203409
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Getting out of Ham Radio sale!

For sale Icom 706 plus mobile brackets, separator cable, and
UT-102 speech module. Excellent condition!
Extended TX/RX mod. and yellow wire mod. done
All docs, and boxes plus the hard to get schematics
Radio operates fantastic and is still covered by warranty with the
mods!
$1000 plus shipping

Kenwood TM-742a for sale dual bander with decoder.
Great condition
All docs. and boxes
$ 580.00 plus shipping

Serious offers only and prices are final

E-mail 72242.477@compuserve.com
@ 5:39 PM,
on Wednesday, April 03, 1996

167. FS: MT1000 & STX lapel mics new

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: qualcomm@netzone.com
Message-ID: <qualcomm.87.0013EF4E@netzone.com>
Source record: 203410

I have some new Mt1000/HT600/P200/MTX800/810 speaker mics for $49 each.
Also public safety speacker mics for the STX $60 each.

Email if interested.
Thanks,

Gary

168. Best Ouboard DSP Unit ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: ferraro@ix.netcom.com
Message-ID: <4juigv$nnp@dfw-ixnews4.ix.netcom.com>
Source record: 203411

A Friend of mine would like to find out any user experience with any of the available dsp units. Any reports would be appreciated.

73's de Mike K6ZSR

169. Re: Yaesu FT530 help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: alanp@netspace.net.au
Message-ID: <alanp-0304962124420001@dialup-a2-62.mel.netspace.net.au>
Source record: 203412

In article <315DD01E.2C7B@sprynet.com>, dblizzar@sprynet.com (Dave Blizzard) wrote:

> I recently bought a new FT530 from the local dealer but can't find a
> source for the coax plug used to power this HT from an external DC
> supply. As usual the manual doesn't provide the spec, all it says is
> either a 3.7mm or 4.0mm plug (depending on where you look in the
> manual) but the inside diameter is not specified. All the usual local
> sources don't have anything that will fit.
> What size is it really???
> Any help would be appreciated.
> --

1. In Australia I bought Yaesu part E-DC-6 "External DC Cable" from our local Yaesu dealer (Dick Smith Co).

2. I also found a multi voltage plug pack power supply that comes with a bunch of plugs that includes a plug to fit.

73 de VK3EAP Alan

170. SAN FRANCISCO AMATEUR RADIO CLUB -> mail me

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: hgu@oce.nl
Message-ID: <DpAF9E.HDx@oce.nl>
Source record: 203413
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hi -
If you're a member of the San Francisco Amateur Radio Club, mail me
at:

hgu@oce.nl

Thanks!!!

171. WTD:HP manuals: 5245, 5255, 8614

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Apr3.212459.505@nad.com>
Source record: 203414
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I'm looking for service manuals for the following Hewlett Packard instruments:
8614A .8-2.4 ghz generator
5245L counter
5255A 3-12.4 ghz counter plug in.
Anyone have any gathering dust?

73,
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

172. FS: HP 608D Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: beard@acca.nmsu.edu
Message-ID: <4jup27$qm2@bubba.NMSU.Edu>
Source record: 203415

I have a very good condition, both physically and functionally, HP
608D signal generator with a good copy of the manual.
This is the 10 - 420 Mhz model.

$150.00 and I pay shipping for continental USA

David Beard
WA4QGA

173. Re: Cheated by MARTIN DUR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <44b_9604061609@woodybbs.com>
Source record: 203416

```
>>Barry is not disabled.
>>Durham is!
>>Barry seems to live a decent life.

Are you stating that the "disabled" cannot lead decent lives?
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.
```

174. Naughty Rude Words

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <44c_9604061609@woodybbs.com>
Source record: 203417

To: STEPHAND@SPRYNET.COM
Subject: Naughty Rude Words

>>We're talking about words here, not some threat to personal or
>>national security, or to the health and general welfare of mankind.

No - we're talking about abuse of the system. Abuse which feeds the like
of Sen. Exon and his ilk.
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

175. WTD: RCA WT-100A TUBE TESTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: l.mclaughlin@slipid.async.csuohio.edu
Message-ID: <4jsg6n$29c@csu-b.csuohio.edu>
Source record: 203506

RCA WT-100A and/or Hickok 700 tube tester wanted. Seeking unit in good running condition, needing some repairs or for parts (if I later come across a working unit). Willing to swap for something or please state a fair price for the respective unit. I would prefer swapping something as cash is tight, but I would have to find out what you are looking for -- I may have it. Please indicate if you have manuals, schematics, charts and/or plug-in tube sockets for the respective tube tester.

Kindly, email with details.

Thank you.

176. Re: Mobile HF transceivers??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <Dp9JJJ.3G9@cix.compulink.co.uk>
Source record: 203507

That's interesting 'cos I was thinking in getting a TenTec 556 (5watt max model) to drive a transverter.

Steve

G7VFY....I think I'll go back to my FT101z...

177. WTB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: victorj@fast.NET
Message-ID: <m0u4Gw6-00035yC@fast.net>
Source record: 203508

Looking for an Argo II and model 253 Antenna tuner.
Email me at victorj@fast.net
Thanks
vic wm3b

178. Re: Hasn't the "HF Sucks" thread wasted enough time?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: 75034.1566@compuserve.com
Message-ID: <4jsml5$3d@dub-news-svc-4.compuserve.com>
Source record: 203509

In article <4jr8mf$ris@mksrv1.dseg.ti.com>, From QRP%mimi@magic.itg.ti.com (D.W.Hemphill KC5NG), the following was written:

> Can't we kill this thread (or let it die) yet? Why is it
> that someone has to always post some controversial message
> that he/she knows is gonna stir up a hornet's nest, on a
> newsgroup that's supposed to discuss EQUIPMENT, not what
> facets of ham radio suck or don't suck?
>
> Please, let this mindless waste of time die and let's use
> the newsgroup for its intended purpose. Please?
>
> 73 de KC5NG

Hear, Hear!

73 de KF4FNR

179. Using a Measurements Model 59 Grid Dip Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: mikef@microtech.com
Message-ID: <4jsmlt$33k@news.aimnet.com>
Source record: 203510

A freind and I just purchased an old Measurements (Technology/Instruments) Model 59 grid dip meter. The problem is there isn't any documentation with the meter and we don't quite know how to use it. The biggest problem is that there isn't anywhere to attach the antenna.

Can someone shed some light on how this thing is supposed to work? I'd really appreciate some insight.

-- Mike Fallavollita
mikef@microtech.com

180. Commercial UHF OEM Transceiver modules WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-03 00:00:00 UTC
From: umbra@opennet.net.au
Message-ID: <4jsoj8$1r8@Tandem1.opennet.net.au>
Source record: 203511

I am working on an AVLS project in Asia that may require up
to several thousand units and I have been let down badly by a
supplier.

Actually, we are using a conventional VF transceiver in the
range 460-490 Mhz, up to 5 Watts FM. This is the 'let down' product.
Synthesized, 12.5 Khz steps programmable using jumpers or RS232
download of frequencies.

Can use a modified OEM board from a commercial hand-held transceiver.
Don't need speaker, mic, chassis etc. just the board.

Does Anybody manufacture or supply an equivalent radio ? We need it
to be about 100 x 90 x 20 mm (not including BNC female connector).

Our requirement is for 3000 units by 1 June 96.

This is as serious as a heart attack, because our supplier
was supposed to have 4 samples ready on the 8th of February.
As I type this, we are still looking at 3 weeks delay before
we get even the SAMPLES ! So basically we are crippled by the lack
of a suitable UHF radio.

Please get back to me at your convenience.

Regards,

Zak Madden
Snr. Communications Engineer
Sakina Technologies

email: umbra@opennet.net.au

181. Re: Kenwood TM-742A 10m question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <4k0oes$npg@ornews.intel.com>
Source record: 203312

In article <4jq79f$c1v@Twain.MO.NET>, kninectf@mo.net@mail.mo.net says...

>Yes, with the extended receive mod the 10 meter module will copy 11 meter
>AM. The squelch works strange by you can get your traffic reports. You
>can also copy AM all the way down to 15 meters.

Whoa, what mod are you referring to? My 10M module will tune down there
(well, the DISPLAY shows I'm there, but I don't know if the PLL is locked)
but I'm unaware of any mod' which will switch in AM demodulation.

Incidentally, anyone else have RF feedback problems into their 10M module?
I can't have any 10M RF near the radio (like coming back down the shields
of the coax lines) or my transmitter locks up with a loud squeal.

- Collier

182. Opinions on starter equipmnet.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: mouer@mail.ameritel.net
Message-ID: <447cc$112a27.28c@NEWS>
Source record: 203313

I am studying for the Tech No-Code license and am looking for a portable
2 meter radio. What do I want to look for in a radio? Initially I would
like to use a portable between home and car. RS down the street has their
HTX-202, can anyone tell me if this is a good or bad unit? They also have a
model HTX-212 (mobile).
Is there an ideal or minimum number of memory channels to be had? I'm not
100% sure but I think the 202 puts out about 2 watts, right? That should be
more than enough for the local repeaters, right (Waldorf/LaPlata, MD area)?
Any suggestions are welcome.
Thanks.

-Dan.

183. Re: Yaesu FT10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <DpD19w.Br7@cix.compulink.co.uk>
Source record: 203314

I have a ft10, and, quite frankly, I wish I hadn't, it's useless in the city, where I work (London) because there is too much local RFI.

The main problem is not enough power, you'll need a 900ma or 1100ma 9.6v battery......

regards

Steve

184. For Sale: 2 GE PCS UHF Portable Radios - $450 per/pair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: steveg@access.digex.com
Message-ID: <steveg-0404961825130001@dca01576.slip.digex.net>
Source record: 203315

This posting is for a friend without internet access. Please direct all questions to me and I will clarify them for you. I have seen the products in question and they are as advertised.

Thanks
Steve

For sale:

Two (2) General Electric (GE) PCS Handheld UHF radios. These are in excellent to mint condition.
They are UHF, have a digital LED readout, 8 channel and are in the 400-470 mhz range. They are rechargeable and have a distance capability of a couple of miles.

Asking $450 for the pair, including batteries and charging equipment - shipped to your door.

Thanks

--

185. Re: Anyone replace a Lithium battery in Kenwood moble radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: "Devon D. Snyder" <dsnyder@sparc.isl.net>
Message-ID: <31645E36.57C1@sparc.isl.net>
Source record: 203316

Sorry, I sent previous message by mistake without completing it. I am looking for advice from anyone who has replaced one of these batteries or do I really need to send it back to Kenwood.

186. National HRO Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4k1m01$j32@news2.ios.com>
Source record: 203317

Wish to purchase a really mint or excellent+ HRO that is complete & original. Also looking for
speaker & power supply for same. Please e-mail. Dick Doremus

187. Anyone replace a Lithium battery in Kenwood moble radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: "Devon D. Snyder" <dsnyder@sparc.isl.net>
Message-ID: <31645D8A.26DE@sparc.isl.net>
Source record: 203318

I have a Kenwood TM-231, 2M radio. Recently, when I power on the radio I lose
all of my memorys and other settings. I think my lithium battery is dead.
The instruction manual says to send it back to Kenwood to have the battery replaced.

188. Re: Synthesizer Tuning Noise

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: Walt Novinger <waltn@earthlink.net>
Message-ID: <31641A62.136B@earthlink.net>
Source record: 203319
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

J. L. Blanton wrote:
>
> On my Drake R-8A Iï¿½ve noticed a clicking or scratching noise that occurs
> when the synthesizer is tuned. <snip>
> Lee, WA8YBT/6
> Temecula, CAFunny you should mention this, as I'm using a friend's Lowe Europafor a couple of weeks, and have found the same problem (also had the problem on my Lowe HF-150). Turns out that the receiver is radiating the hash and it is being picked up by the antenna. How do I know this? Simple...my ANC-4 nulls it out *completely*. It appears that the hash leaks out either the case, ot thru the power cable or the keypad cable. Whatever the path, if it were being picked up *inside* the radio, the ANC-4 in series with the antenna wouldn't have such a profound effect, IMHO.

Are you using a coax feed for the antenna? This will make a big difference, usually.

Walt

--
==========
Walt Novinger Real Radios Keep You Warm At Night!
Collector of hollowstate communications receivers and test equipment
waltn@earthlink.net wnovinger@shl.com CI$: 73348,2015

189. F S Kenwood TS-850S/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: scjohn@gnn.com
Message-ID: <4k1pjo$mb8@news-e2c.gnn.com>
Source record: 203320
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Kenwood TS-850S/AT wit auto antenna tuner, power cord, MC-60 micrhphone, and manual. Radio has some very minor scratches/footprints on top from where former owner had the DSP-100 sitting. There are some more noticeable marks on the bottom as a result of shipping when I bought the radio. The top marks are only noticeable in certain light. Front, sides, rear are in excellent condition. Ser. no. is 21 million. Radio works great. Display is brighter than newer units. Ship for $1,225.00. Also have DSP-100 with cables, and manual (copy). Several minor scratches on top. $230.00 shipped. Thanks, Jim...KQ4CS.

190. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: nrj@cdx.net
Message-ID: <4k19av$qtb@news.bellglobal.com>
Source record: 203321
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

bobclary@baldcom.net (Bob Clary) wrote:

>slwork@netcom.com (Steve Work) wrote:

>>recurry@insighttec.com wrote:
>>: Can we move this discussion to another subject heading. It's been
>>: going on for over a week. My 11 year old reads this newsgroup and it's
>>: certainly not a good example.

So you're teaching your eleven year old to break federal

laws and build or operate pirate stations, (Checked the name

of the group latel;y???

>In my opinion, posting topics with title like the one in question to a

>public newsgroup (especially one whose topic is clearly technical and

>hobby oriented and not controversial in nature), is the same as going

>to a public place like your local shopping mall and shouting those

>words.

>I would like to see the original writer of the topic, go to the

>shopping mall and repeatedly shout the topic of his note and see how

>long his free speach rights keep him from getting arrested or

>booted...

Depneds on the shooping mall, and anyway it sounds to the

same as a what I hear working with various broadcast crews

(or maybe a little tamer).

Was Internet your first contact with the REAL world???

>---------------------
>Bob Clary
>Enterprise Consulting
>bobclary@baldcom.net
>---------------------

191. CARJACK FREQ

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: JDonvn@gnn.com
Message-ID: <4k24dr$r4j@news-e2c.gnn.com>
Source record: 203322

Could someone please Email me the carjack freq? I believe that it is 171.something MHZ. Thanks.

192. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4k2985$58d@newsbf02.news.aol.com>
Source record: 203323

In article <ghansen.719.316442FE@accessone.com>, ghansen@accessone.com (Glenn Hansen) writes:

>
>>and by then you won't need to know code.
>
>.....and that Nate is really you beef isn't it? It is the common thread in
>all your postings and replies on this subject. For whatever reason you are
>unable to handle code. Quit making excuses in the form of complaints, it
>shows
>a real lack of maturity. Everything isn't always going to be given to you in
>life.
>
Let's see, I got my novice at 11, General at 12 with no outside help. I came from a very poor family (we didn't even have food half the time, let alone a TV set) and built my radios from parts scrounged at the dump. While my other friends were into booze and crime, I was sending CW.

Ham radio has always been the source of my education, and it certainly kept me out of trouble. I moved from well below the poverty line to a comfortable life, all due to stupid Ham radio.

I'm glad I viewed CW and theory as a challange, and not an obstruction.

On the other hand, I kind of agree with Nate. There's too little meaningful stuff anymore. I used to enjoy technical conversations, but I can't find them now. Was that one of your point's Nate, no interesting conversations?

73 Tom

193. Re: How to setup an dual computerlink via radio. Is it possible ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: Bob Winingham <kc5ejk@onramp.net>
Message-ID: <4k1asd$gkm@news.onramp.net>
Source record: 203324
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

>Well, That's not entirely true. Electrons move slower through copper
>wire than throught the void of space.
>
>

I think you will be very surprised to know
how VERY slow Electrons move through copper.ie
from one end to the other. and if using AC they NEVER make it. :-)

That DARN power compamy, selling me the SAME electrons month
after month.

73

194. CLEGG FM-DX 2 METER FM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: csakir@azstarnet.com
Message-ID: <csakir.24.000746BA@azstarnet.com>
Source record: 203325

HELLO TO ALL...WOULD SOMEONE PLEASE MAKE A COPY OF THE SERVICE MANUAL FOR THE CLEGG FM-DX 2 METER RADIO. I HAVE THE OPERATORS MANUAL AND WOULD BE GLAD TO MAKE A COPY FOR ANYONE NEEDING SUCH. PLEASE LET ME KNOW WHERE I CAN PHONE YOU FOR WORKING OUT THE DETAILS. THANKS AND 73 DE N7IOK, CLYDE 520-323-1120 OR OF COURSE HERE AT csakir@azstarnet.com

195. Looking for past copies of 73 magazine

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: ed.welch@cheaha.com
Message-ID: <8BE0462.0409000C44.uuout@cheaha.com>
Source record: 203326

I'm just getting into radio and trying to find some past copies of 73 magazine. If you've got some past copies gathering dust I'd like to see about taking them off your hands. Thanks.

Ed Welch
ed.welch@cheaha.com
Cheaha!!!

196. Re: 6 meter cavity

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: bb@tisc.com
Message-ID: <4k17md$ivg@taxis.corp.titan.com>
Source record: 203327

cn1135@abaco.coastalnet.com (Prescott) wrote:

>Does anyone have plans for\or have seen plans for building a 6 meter
>cavity for a repeater?

>Prescott
>cn1135@abaco.coastalnet.com

Look at feb 1996 Qst pg 20 if you are intrested in the plans such as
they are. Mail a sase $.55 postage to
Bill Bennett
KC6YOX
3537 Strawberry pl
oceanside Ca
92056

197. FS: Yaesu New Surplus G-5600B Ant. Rotator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: dascom7@netscape.com
Message-ID: <4k3hip$715@dfw-ixnews1.ix.netcom.com>
Source record: 203328

I Have 4 Each Yaesu G-5600B Antenna Rotators. These
Are Unused Government Surplus. Looking For Offers On 1 Or
All .

David

dascom7@ix.netcom.com

198. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: jbeckett@servtech.com
Message-ID: <3163133d.407005@news.servtech.com>
Source record: 203418

On Wed, 3 Apr 1996 16:46:49 GMT, griffithj@ricks.edu (James Griffith)
wrote:

>In article <4jelum$6ls@uwm.edu>, herb@alpha1.csd.uwm.edu says...
>>
>>I think you are right in the type of on the air traffic that takes place
>on HF. But, there is just as much that is fun and useful conversations.
>Some of us old farts, had no trouble getting to 20wpm, or passing the
>test that went with it, or the 2nd and 1st class telephone tests,
>supporting our family for 40 years from the money we made in the
>electronics industry that all started with a novice ticket.
>
>We didn't malign the HF bands, or the hobby for the skill it gave us to
>put food on the table and add to our knowladge of electronics and
>the world about us. Of course our conversations may be a little empty
>now, but not as empty as some of the heads that talk about us. Who live
>on fast foods, in apartments, with nothing paid for, and nothing elce to
>do but call us old farts smelly.
>
>Jim, WA7NDD
>
It doesn't seem so long ago when I tuned 75 phone and said to myself
"Listen to those "old farts".

Now I are one.
:)

Jim

KD2KU

199. Re: TEN-TEC: "Just drop a check in the mail when you get it"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: timcook@erinet.com
Message-ID: <4jv814$mqb@eri1.erinet.com>
Source record: 203419

moore@ (Andrew M. Moore) wrote:

>Omni VI owners:

>The latest ROM is available from TEN-TEC for the Omni VI.
>Check your current ROM version (get the complete version number, from
>the "Logic" chip (28 pin DIP package) under the top cover of the radio).
>Then call TEN-TEC's service department at (423) 428-0364 and they can
>arrange to send you an updated version. Email me if you need a detailed
>list of the new features available in the current ROM.

>$15 for a trade-in of your current ROM (you pay return shipping)
>$25 to purchase the new ROM outright

>I just bought the new ROM, and once again, TEN-TEC is sending it out
>and telling me "Just drop a check in the mail when you receive it."

>What a great company.

>-Drew, NV1B
> CFO #963
Drew,
please email with the improvements, I tried to email direct, but
couldn't. I used to have an Omni6, and would like to see what the new
improvements are.
Thanks
Tim
NZ8J

200. Re: Timewave DSP-59+ EXPERIENCE?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DpBDIw.n10@iglou.com>
Source record: 203420

I picked up an MFJ 784B dsp filter Saturday at the hamfest. I was amazed at the results especially on cw. I first tried it on my IC-706. I followed the qsk up to 45 wpm without even connecting the ptt feature. Why even bother? The sidetone even sounds better now! Pure, smooth tone and so easy to listen to.

Tuning across a noisey 80 meter cw band, I found a signal buried in QRN. Pushing the (in) button, the signal lept from my speaker with a loud clear sound. Then pushing the (noise reduction) button, the QRN was instantly eliminated.

What I like about the MFJ is the ease of varying the different settings. Just turn a knob! Yes, it's a very flexible and effective tool.
BTW, hamfest prices can really beat normal dealer prices. I got this one for $50 off the list price.

Finally, MFJ has made a good impression on me. Nice work guys!

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

201. BREAKER! BREAKER! Fo sure good buddy, come on! Yeppers, HF Sucks For sure!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: tomz@premier1.net
Message-ID: <DpBEHy.6r3@data-io.com>
Source record: 203421

Get a Key and learn to love it.

202. What kind of sound card for ham radio dsp.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: gcouger@master.ceat.okstate.edu
Message-ID: <4jvfa4$rk3@news.cis.okstate.edu>
Source record: 203422

I am buying a new computer. Which sound card has the best DSP chip for programming for ham radio.

Thanks
Gordon AB5DG
Gordon Couger
Biosystems & Agricultural Engineering. 114 AG Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405 744 8392 day 625-2855 evenings

203. Help on Service Monitor Recommendations!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4jvhc0$6d1@cville-srv.wam.umd.edu>
Source record: 203423

```
The radio club is looking for a NEW service monitor.

Spending $5,000 or so, what do you recommend???

thanks!
--
* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *
```

204. Re: Radio Shack HTX-242

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: rfisher@sky.net
Message-ID: <4jvjie$bre@alpha.sky.net>
Source record: 203424

Larry Bourdillon <labour@ix.netcom.com> wrote:

>The latest flyer lists the HTX-242 (2mtr. mobil) at $299.99 - presumably
>it's the successor to the HTX-212. Has 41 memories instead of 30 and some
>cosmetic differences. What else (if anything) is different? Anybody know?
>Thanks

>..larry

The specs shows it has a lower power consumption (8A at 45W compared
to the 212's 9A), but I haven't checked that out yet. It has auto
memory scan to scan 144-148MHz and fill any unused memory channels
with the freqs it finds activity on. The biggest change is that you
can program into memory out of band freqs (one of the 212's missing
features). I bought one and am pretty pleased with it. I guess I
should say that I'm a RS manager, but when it comes to my personal
$$$, company loyalty is secondary and performace primary.

73s

Rodney, KB0SPZ

205. Re: FT8500 Audio Mute on Sub Channel

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4jvagv$oub@fcnews.fc.hp.com>
Source record: 203425

On the FT8500, auto mute seems to mean to automatically mute either the VHF or UHF channel (user selectable) when a signal is received on both at once. The mute does not seem to be based (unfortunately) on the band selected as the "sub" band. Oh well. I doubt very much if this depends on the microphone you select.

-Paul C. KG0CZ

206. FS: Equipment treasures

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: chane@cse.ucsc.edu
Message-ID: <4jvonf$krp@darkstar.UCSC.EDU>
Source record: 203426
Cross-posted to: ba.market.computers,ba.market.misc,scruz.market,monterey.forsale,misc.forsale.computers.other.misc,rec.radio.amateur.equipment,rec.radio.swap

```
Hi all..

I have some treasures for sale that I just can't
haul around with me anymore...

The prices are subject to negotiation :)
Best offer takes it..

--------------------------------------
COMPUTER EQUIPMENT
--------------------------------------

Televideo TVI-925 terminal $20

--------------------------------------
ELECTRONICS GOODIES
--------------------------------------

Western Union Telefax Transceivers $50/pair
Model 6500-A, proprietary protocol
interesting little beasties...

Tektronix Oscilloscope $50
Model RM545B, with 1A1 Dual Trace module
Good condition, 19" rack mountable, weighs about 75#s

--chane@cse.ucsc.edu
Felton, Ca.
```

207. Re: Newbie needs help with a local set

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4jvm62$ru0@crash.microserve.net>
Source record: 203427
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Jaded <72260.3026@CompuServe.COM> wrote:

>I want to set up a local station with a 1000 meter radius. I
>know I'll need a liscience, 'cause I don't feel like having the
>FCC coming in the magic vans. I have a few friends who will help
>with the cost, but I want to keep it under $100.

Have you called Harris?

208. Re: Using a Measurements Model 59 Grid Dip Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: parf@aol.com
Message-ID: <4jvqlp$9bj@newsbf02.news.aol.com>
Source record: 203428

I have a pair of the 59's. You do not attach an antenna. The remote head contains a socket for the plug in coil set.This meter is FAR more sensitive than any other dipper. You can cut a 1/2 wave piece of wire and couple the coil to the current loop and see the dip! Try that w/ the MFJ and others.
I have the manual and if you will send an 8.5X11 SASE manilla envelope I will copy and forward.

PAR Electronics
6869 Bayshore Drive
Lantana, FL 33462

209. FS: IC-229H 50watt 2m rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: milic@pilot.msu.edu
Message-ID: <31636cb9.3236565@nntp.msu.edu>
Source record: 203429

I am selling my Icom IC-229H 50 watt 2 meter transceiver.
I have original box and manual, and the rig is in pristine condition.
E-mail if interested.

Peter Milic
milic@pilot.msu.edu

210. *** Manuals For Sale *** - manuals.doc [01/01]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: braymer@InfoAve.Net
Message-ID: <4jvkb6$ta8@news1.sunbelt.net>
Source record: 203430
Body handling: Inline uuencoded payload not displayed: manuals.doc

```
BEGIN -- Cut Here -- cut here

[Inline uuencoded payload not displayed: manuals.doc]

END -- Cut Here -- cut here
```

211. FT1000 AGC MOD?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: "T.D.E." <tde@ntplx.net>
Message-ID: <316432DA.32C3@ntplx.net>
Source record: 203431

I think the AGC on the FT1000 quite noticeably degrades audio
quality. Attack/Decay are OK, more concerned with the audio.
Wondering if there is a known MOD for this? Mine was made in 93.
Thanks! Rick, N1SQJ

212. Re: Yaesu FT530 help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: rprather@aceinfo.com
Message-ID: <4jv3h6$m56@news.dx.net>
Source record: 203432

In article <4jt6li$mhl@cloner2.ix.netcom.com>, jrw4@ix.netcom.com (JRW) wrote:

>
>Forget it. Buy it from Yaesu or you won't have one. My experience has been
>that there's only two places to find that size plug:
>
>1. Yaesu
>2. Japan
>
>On the other hand, the folks at Yaesu are real friendly and helpful.
>
>-JRW4
>aka KB5ZBR

Actually I was able to put together one in my local radio shack store. I bought a coiled "universal" adaptor which came with 4 plugs (all wrong) but was able to buy another pack of plugs in their "video game adaptor" section which included the one for the 530 - now I have a coiled adaptor with the right plug.

However, the works cost me about $12 (i have plenty of extra adaptors) and I find that on 440 I have had reports of noise in the signal while plugged in. Maybe the $25 for the "official" adaptor with a noise filter is not a bad deal.

I am using this one to power my 530 in the shack from a power supply with a cigar lighter adaptor.

Rick
KB9E

213. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DpC1z6.HrH@hpqmoea.sqf.hp.com>
Source record: 203433

Nathan Ryan Gingras (herb@alpha1.csd.uwm.edu) wrote:

: Actually, it has to do with an 18 year old who made the mistake of
: thinking this hobby had anything to offer someone my age. Maybe I should
: try ham radio again in 50 years when I truly have nothing better to do,
: and by then you won't need to know code.

Fair enough. I hope you can find something else interesting to do for those 50 years. Most hobbies have got their own equivalents of the perpetual code wars and the band full of hernia operation details. Perhaps you're just at the optimum age for seeing through things and suffer some shock and disillusionment at the exposed reality. This internet group seems to bring out the worst arguments in Amateur Radio, but you're quite right (in my opinion) about how uninteresting name, RST, QTH exchanges are, and how boring a lot of conversations are to people not of the same age group (this works *two* ways..)

Take a different field as an example: Do older people seem to be a bunch of old farts listening to ancient Pink Floyd, Elvis Presley or Mozart ? Do younger people than yourself seem to be a bunch of air-headed teeny boppers swooning over "Take That" ? Over the years, musicians have come and gone, but age group attitudes have been pretty similar. Now, how do *YOU* look to these two other age groups ?

There ARE people out there that you'd probably enjoy meeting, that share your interests and values. The trick is to find them. HF increases the geographical range that you can search over, though communication is more difficult than clear-channel work on VHF and via repeaters.

I'm interested in designing equipment, in doing things that haven't been done before, in pioneering new modes etc. I have to accept that *I* have to put some work into actively finding like-minded people, I have to accept that there are plenty of people out there that I would not like to meet, and I have to accept that some people wouldn't like to meet *ME*

By 18 I'd built myself a few receivers of progressively better performance, and had got through 3 generations of home-made oscilloscope. I was having fun, and I'd also laid the foundations (unintentionally!) of a career that now allows me the time and income to do most things that interest me. This was pure luck in my case, not judgement, not planning.

I'm no longer 18, but still remember what it was like. My interests and approaches have changed a bit, but we have both got to allow each other's age group to exist. I will not permit someone to force their hernia stories on me, nor will I allow myself to force the details of my latest measurements on an unwilling victim.

Have fun,
David GM4ZNX

214. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: bobclary@baldcom.net
Message-ID: <4k0dt6$soj@majesty.lightlink.com>
Source record: 203434
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

slwork@netcom.com (Steve Work) wrote:

>recurry@insighttec.com wrote:
>: Can we move this discussion to another subject heading. It's been
>: going on for over a week. My 11 year old reads this newsgroup and it's
>: certainly not a good example.

>Don't you know what a kill-file is?
Maybe he doesn't...

Ron, Many newsreaders have a facility where you can add a list of keywords or phrases to a file associated with a specific newsgroup. This list will be used to skip or discard topics or threads containing those keyword and phrases. Not as good as keeping uncivilised and uncouth individuals out of the newsgroup, but its better than nothing.

In my opinion, posting topics with title like the one in question to a public newsgroup (especially one whose topic is clearly technical and hobby oriented and not controversial in nature), is the same as going to a public place like your local shopping mall and shouting those words.

I would like to see the original writer of the topic, go to the shopping mall and repeatedly shout the topic of his note and see how long his free speach rights keep him from getting arrested or booted...

Bob Clary
Enterprise Consulting
bobclary@baldcom.net
---

215. Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: rpickeri@loyalistc.on.ca
Message-ID: <4k0hjd$2b3@knot.queensu.ca>
Source record: 203435

I would like to know if a cell phone can be altered so as to change the pll frequencies to get it to opperate in the 2m range.
I know cells opperate at about around 900mhz, with an IF around 40mhz.

Can a cell be re programed (along with a xtal change with the pll ref signal) so as to get it to opperate as a 2m ham radio?

I know a pll can be set to different ranges by a xtal change and different modulus numbers; however what conserns me are all the tuned circuits in the intial RF input and the output stage. If it can be done by reprogram the eprom in the phone and a few simple component changes I'd shure like to take a crak at it.

Please respond with any ideas or advice you can give!
Thanks

216. Icom 720A RX problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: jls@netcom.com
Message-ID: <jlsDpBJGI.EoL@netcom.com>
Source record: 203436

The receiver in my 720A quits below 1.6 mhz. This doees not appear to be a bandpass filter problem. Any ideas?

Thanks...

Jeff
--
jls@netcom.com

217. QLF Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: QLF
Message-ID: <4k0lnj$2tgu@ausnews.austin.ibm.com>
Source record: 203437

[No readable article body recovered]

218. TS930S for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: Brad Rehm <bradrehm@texas.net>
Message-ID: <Pine.SUN.3.91.960404100955.14738A-100000@millenium.texas.net>
Source record: 203438

John, WA5TOS, and I have a TS930S with internal tuner for sale. The radio has been serviced, with alignment touchoup, and works beautifully. The receiver has the crispness and cleanness for which the '930 is famous.

The manual and original carton are included (although the carton is shipable, it is a little ragged). The price is $850, and we'll ship within U.S. We're in the Austin, TX area. Call or reply to my email address:

Day Phone: 512-388-0969 email: bradrehm@texas.net
Home Phone: 512-863-7450

Or call John, WA5TOS, at 512-863-8632

73, Brad, KV5V

219. Tampa Area Rptr Trustee Meeting

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: fletcher@gate.net
Message-ID: <3163ede8.126593183@news.gate.net>
Source record: 203439

To all Bay Area repeater trustees or technical managers.

Repeater trustees meeting April 9 at 6:00 pm.
Tampa Red Cross chapter, 208 N Howard Ave
Talk in on 147.105
Sponsored by FGCARC and TBARS
See u there..

Mike
Mike Fletcher AD4HV 813-622-9102
President,Tampa Bay Amateur Radio Society 95-96
Florida Certified Fire Alarm Contractor # EF-0000028
E-Mail to fletcher@gate.net Homepage **coming soon**
If in the course of offering ideas or speaking my opinion, I
should offend anyone, I apologize. However, my opinion is my
own and thus, it shall be.....

220. Tampa area Ham classes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: fletcher@gate.net
Message-ID: <3163eeeb.126852247@news.gate.net>
Source record: 203440

No-Code tech, Novice and Tech + classes starting in april.

Novice classes at TARC on davis island starting 4-9-96

No Code to Tech+ at TBARS at Tampa Red Cross 202 N Howard Ave. first
class 4-23-96 7 pm at tampa red cross.

For info call Mike at 813-622-9102

Mike Fletcher AD4HV 813-622-9102
President,Tampa Bay Amateur Radio Society 95-96
Florida Certified Fire Alarm Contractor # EF-0000028
E-Mail to fletcher@gate.net Homepage **coming soon**
If in the course of offering ideas or speaking my opinion, I
should offend anyone, I apologize. However, my opinion is my
own and thus, it shall be.....

221. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4k0r18$ne6@dawn.mmm.com>
Source record: 203441

herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) wrote:

>Glenn Hansen (ghansen@accessone.com) wrote:

>:
>: I think it has more to do with being aa eighteen year old who must be bored as
>: hell to try and get attention this way.
>:
>Actually, it has to do with an 18 year old who made the mistake of
>thinking this hobby had anything to offer someone my age. Maybe I should
>try ham radio again in 50 years when I truly have nothing better to do,
>and by then you won't need to know code.

>Nate.

Sounds like a GREAT idea Nathan! Sorry you found nothing to
appreciate in a hobby as diverse as Ham Radio. Given the diversity of
Sat's, RTTY, FM, SSTV, FSTV, Moonbounce, Scatter, SSB, CW, FAX, AMTOR,
PACTOR, etc., I can see why you can't find something of interest. For
something that you have no interest in you seem to spend a
considerable amount of time talking about it. Oh well, see ya in 50!

Opinions expressed herein are my own and may not represent those of 3M.

222. Want YAESU 440 mhz module for transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: P06288@email.mot.com
Message-ID: <1996Apr4.152433.1201@schbbs.mot.com>
Source record: 203442

I have been looking for several years to buy a YASEU 440 mhz transverter module. If you have one you are willing to sell that fits the FTV-700 or FTV-107 transverter box I will make it worth your while.

If it is in good working order I will pay a top dollar price.

Contact me at gerwitz@getnet.com or call 602-948-9305 after 6 pm MST.

Jim

N7QHK

223. HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: muenzlerk@uthscsa.EDU
Message-ID: <01BB2216.C821BDE0@muenzlerk.uthscsa.edu>
Source record: 203443

herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras)
Subject: HF sucks!

>Glenn Hansen (ghansen@accessone.com) wrote:
>
>:
>: I think it has more to do with being aa eighteen year old who must be bored as
>: hell to try and get attention this way.
>:
>Actually, it has to do with an 18 year old who made the mistake of
>thinking this hobby had anything to offer someone my age. Maybe I should
>try ham radio again in 50 years when I truly have nothing better to do,
>and by then you won't need to know code.
>
>Nate.

I got my license when I was 15, Nate. My son is 5 and can copy
CW at 10 WPM. It is just as exciting now as it was 20 years ago!
When I got my Novice there wasn't a no-code tech. If you would
get on the HF bands (for real) you would find it a bit more
exciting and challenging than 2 meter repeater operations.
But then maybe you don't want a challenge, you might just want
it handed to you like the last line of your comment suggests.
Although it probably isn't your fault that you want things handed
to you. Maybe you were brought up that way, expecting things
to be handed to you, not having to work for anything. Have your
"rights been violated" today? These are the two biggest problems
with many of the parents who themselves were raised in the sixties
and early seventies. They want more freedoms and rights. You
remember, "the sexual revolution." Rights were blurred with
licentiousness and now its their children who are doing the same
thing.
This actually belongs in a different group as someone else has
suggested so this is my last post on this to the group.

Kevin, WB5RUE
muenzlerk@uthscsa.edu
wb5rue@amsat.org

224. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4k0vl0$jh0@newsbf02.news.aol.com>
Source record: 203444

Hi Monty,
In article <DpAy46.HHA@twisto.eng.hou.compaq.com>, Monty Wilson
<mwilson@bangate.compaq.com> writes:

>Well what he was using the velocity factor for was to determine what
>PHYSICAL length of cable represented an ELECTRICAL half wave. In other
>words, if you wanted a half wave length of feedline for six meters, you
>can't just measure out three meters of coax; you first have to multiply
>by the velocity factor. If you disagree with that, then you definitely
>have a disagreement with this fellow, because I remember that part of
>his presentation very distinctly.

I agree with that *when* speaking of the desired normal transmission line
currents. But not at all when dealing with common mode currents that cause
RF in the shack! That formula doesn't work for unwanted ground currents.

>The ideal feedline is that which looks like there is no feedline at all;
>in other words, the rig generating the RF signal appears to be right at
>the antenna. Zero is an integer multiple of a half wave, but it is not
>an odd multiple of a quarter wave.

Sometimes having a certain feedline length is useful. The key is picking
the right length. In most cases a 1/4 wl (or odd 1/4 wl) line is best for
reducing RF in the shack. In most other cases, a 1/2 wl long feeder is
still the last thing we want. The issue is complex, but I'm sure this is
true in the vast majority of practical installations.

>If there is an error here, then it is only in my own mind and my memory
>of the event. But I sure thought I heard "integer multiple of a half
>wavelength," and I definitely heard 91'3".
>I'm not talking about common mode and I'm not talking about differential
>mode. I'm not talking about loops, spins or dive bombs. All I'm saying
is
>that in a properly designed feedline and antenna system, the RF current
which
>flows from the radio, through the feedline, to the antenna, will be at a
>maximum at the radio and again at the antenna, and the voltage at these
>points will be a minimum.

With a simple resonant 1/2 wl dipole fed with coax, the length of line
makes NO difference to "desired" currents. The current is essentially the
same everywhere on the line! The length of line only affects the undesired
common mode currents that cause RF in the shack.

>I never said this stuff was gospel. I am, after all, doing this from
>memory and I'm just trying to impart it to the original poster as best

>I can. I did ask for corrections and comments. I guess the exclamation
>points were thrown in free of charge.

Sorry about that. I wasn't being critical of you, I was extremely surprised a public speaker at Dayton could mislead people. The exclaimation points were to illustrate more than casual surprise, almost to the point of shock!

>>If the meter reads different SWR as it's moved along the line, either
the
>>meter or the line is of a different design impedance. If the meter's
>>design impedance is 50 ohms, and the line design impedance is 50 ohms,
the
>>SWR reading will be correct and the same anywhere along the line (unless
>>the line is very lossy).

>A meter is only capable of reading what's going on at its terminals.

The SWR is equal anywhere along the line. An SWR meter will read correctly at any location in the line. That information can be found in many sources, like the ARRL Antenna Handbook.

73 Tom

225. Wanted: Info on DSP Radio on a computer card

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4k1134$f43@cville-srv.wam.umd.edu>
Source record: 203445

They're sold by Comer Communications. Does anyone have any experience
with such a beast???
--
* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

226. Need opinions on RS DSP filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: Hank <kb2rkx@soho.ios.com>
Message-ID: <31640CD5.4A97@soho.ios.com>
Source record: 203446

Radio Shack is currently selling a dsp filter/speaker for only $50. Has any one used this thing? Is it any good?

227. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <4k13he$mag@uwm.edu>
Source record: 203447

Kevin Muenzler (muenzlerk@uthscsa.EDU) wrote:

: But then maybe you don't want a challenge, you might just want
: it handed to you like the last line of your comment suggests.
: Although it probably isn't your fault that you want things handed
: to you. Maybe you were brought up that way, expecting things
: to be handed to you, not having to work for anything. Have your

Methinks not. I wouldn't upgrade if I could send code str8key at 20000wpm.
I am saying that hf is LAME! Why would I want to be a part of it? I will
upgrade when I am 65+, and have nothing better to do. You may think that
everyone who doesn't upgrade is a lazy devil, and will not take the time
to learn to copy code... The problem is that I have much more important
things to do than sit in my basement & play with radios. I got the wrong
impression of ham radio, and that's why I got into it. I like
electronics, and all that jazz, but there is noone to talk to on HF that
talks about anything besides radios, etc. When I call someone on the
phone, we don't talk about what kind of telephone we are using.... same
thing. I am sick of hearing about everyones radio. (and all other boring
ragchew crap.) I listen to HF ALOT, and have worked alot too. I have
never heard anyone talk about Music, or Society, or anything interesting.

I have my opinions, you have yours. The difference is that I don't
automatically think my ideas are superior just because they are mine. I
am glad you like HF, but I DONT! (And I was half-hoping I could be
convinced otherwise before I totally gave up on Ham Radio.)

Nate.

228. WTB: TenTec 2510

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: Darryl Ponder <Darryl_E_Ponder@aud.alcatel.com>
Message-ID: <31642FF0.127F@aud.alcatel.com>
Source record: 203448

Want to buy a TenTec 2510 VHF/UHF rig.

E-mail Darryl_E_Ponder@aud.alcatel.com

229. Re: Yaesu FT530 help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: kc5afm@fais.net
Message-ID: <3163666a.848356@news.bihs.net>
Source record: 203449

>I recently bought a new FT530 from the local dealer but can't find a
>source for the coax plug used to power this HT from an external DC
>supply. As usual the manual doesn't provide the spec, all it says is
>either a 3.7mm or 4.0mm plug (depending on where you look in the
>manual) but the inside diameter is not specified. All the usual local
>sources don't have anything that will fit.
>What size is it really???
>Any help would be appreciated.
>---
>blizzard@canoe.ca
>---

Guys, look around! This size, commonly used by Sony, is available at
both Radio Shack and Wal-Mart among many other places. I bought a kit
to power a portable CD player in a car and it came with the perfect
cord.

230. Re: Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: kc5afm@fais.net
Message-ID: <316366c5.938969@news.bihs.net>
Source record: 203450

On 4 Apr 1996 13:07:57 GMT, rpickeri@loyalistc.on.ca (Robin Pickering) wrote:

>I would like to know if a cell phone can be altered so as to change the pll
>frequencies to get it to opperate in the 2m range.
>I know cells opperate at about around 900mhz, with an IF around 40mhz.
>
>Can a cell be re programed (along with a xtal change with the pll ref
>signal) so as to get it to opperate as a 2m ham radio?
>
>I know a pll can be set to different ranges by a xtal change and different
>modulus numbers; however what conserns me are all the tuned circuits in the
>intial RF input and the output stage. If it can be done by reprogram the
>eprom in the phone and a few simple component changes I'd shure like to take
>a crak at it.
>
>Please respond with any ideas or advice you can give!
>Thanks
>
>

Boy, did this guy just fall off the turnip truck today? Or was he born yesterday? What a stupid question!

231. Akaline Disposal

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: las5s@kelvin.seas.Virginia.EDU
Message-ID: <DpCp33.BE6@murdoch.acc.Virginia.EDU>
Source record: 203451

Hello,

I am currently researching alkaline
disposal/recycling. Our search and rescue team is located in
Charlottesville, Virginia.

Does anyone have information on alternatives to
disposal?

Thanks,

Lauren
KB8WLD
--
lauren@virginia.edu http://kelvin.seas.virginia.edu/~las5s
Affiliations: Blue Ridge Mtn Rescue Group http://www.virginia.edu/~brmrg
Rodman Scholars Program http://www.virginia.edu/~rodman
University of VA Systems Engineering http://www.sys.virginia.edu

232. Need tech advice on Heil HC-5 element

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: Cal Eustaquio <ceustaqu@farad.elee.calpoly.edu>
Message-ID: <Pine.ULT.3.91.960404083323.23651A-100000@farad.elee.calpoly.edu>
Source record: 203452

Has anyone ever used the Heil HC-5 element in their mic? I just installed one in an old EV 664 mic. I haven't tried it on the air yet. It was recommended to me by a friend. Seems to work o.k. But, even for sideband use, is it a fairly restrictive element or one that has good sounding audio? Let me know, please. Cal.

233. Code Tapes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <19960404.151911.8607.6.redbone@juno.com>
Source record: 203453

Does anyone have experience with "Code Quick" learning tapes sold by
"Wheeler Applied Research" of Palm Desert, CA?

I'm thinking of buying, so just checking.

Doug
KC8CGX

234. wireless internet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4k1ajg$k6o@nadine.teleport.com>
Source record: 203454

I received a copy of an article which came from the University of Oregon. They have set up a wireless internet system on the University (One mile coverage) using 68 repeaters positioned around the facility. The computer uses an all in one modem radio with advertised speeds of 14.4 to 28.8. The company has set up simular systems in San Francisco.

Anyone hear about this or have any details. The name of the company is Metricom, Inc. and they are located in the San Jose area of California (408) 399-8200. I just wounder what it would take to establish a 28.8Kb link on 2m?

235. Re: Code Tapes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: Jared Cassidy <jcassidy@svetlana.com>
Message-ID: <316436F0.603D@svetlana.com>
Source record: 203455

Douglas R Davis wrote:
>
> Does anyone have experience with "Code Quick" learning tapes sold by
> "Wheeler Applied Research" of Palm Desert, CA?
>
> I'm thinking of buying, so just checking.
>
> Doug
> KC8CGX

Doug,

I have used Code Quick and found it was a good way for me to learn code. It may not be the best way,
however.

It uses a kind of a word association and visual aid with the rhythm of the code. For example the letter r
is di-dah-dit, in Code Quick you are taught to associate the sound with the phrase brr-RAB-it (with
"brr and "it" representing the short sounds and "RAB" representing the long sounds) and a picture of a
shivering rabbit. Unfortunately, this could cause a problem when trying to copy code at higher speeds,
because the brain is trying to process to much stuff in a very short length of time.

All in all, if you are trying to learn code it may be one of the easiest and quickest ways. Recommended
if you are having trouble.

Good luck!

73,

Jared Cassidy, KQ4VT
Svetlana Electron Devices, Inc.
E-mail: jcassidy@svetlana.com

236. Need Ten Tec model

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: jstroppe@uhl.uiowa.edu
Message-ID: <4k1ffh$rpk@flood.weeg.uiowa.edu>
Source record: 203456

Anyone out there know of a Ten Tec amp unit used with a QRP rig to
get 50 to 100 watts out. If so what was the model #. Thanks

John WA0VYZ

--
John Stroppel | Internet: jstroppe@uhl.uiowa.edu
The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
Iowa City, IA 52242 | Fax: (319) 335-4555

237. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4k1h27$31g@crash.microserve.net>
Source record: 203457

Monty Wilson <mwilson@bangate.compaq.com> wrote:

>The ideal feedline is that which looks like there is no feedline at
>all; in other words, the rig generating the RF signal appears to be
>right at the antenna.

I just caught the tailend of this discussion, but the preceding is not correct. What you're saying is that the impedance of the outside of the shield between the rig and antenna should be zero ohms. However, if that was the case, common mode current would be greatly encouraged to flow from the shield connection at the antenna through the transmitter chassis to ground. In fact, all else being equal, RF currents on the chassis of the transmitter would be higher than in any other possible scenario.

73,
Jack WB3U

238. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.719.316442FE@accessone.com>
Source record: 203458

In article <4jtahg$hob@uwm.edu> herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) writes:
>Glenn Hansen (ghansen@accessone.com) wrote:
>:
>: I think it has more to do with being aa eighteen year old who must be bored as
>: hell to try and get attention this way.
>:
>Actually, it has to do with an 18 year old who made the mistake of
>thinking this hobby had anything to offer someone my age.

Oh, so as a stereotypical teenager commonly does, you rushed into something you didn't understand or fully grasp. It is odd that you didn't spend a few minutes tuning the bands listening and learning about the pitfalls of ham radio before you made the plunge. Hopefully you will learn by your mistakes and not have to suffer such tramatic experiences later in life becuase you didn't research something.

> Maybe I should
>try ham radio again in 50 years when I truly have nothing better to do,

Hmm. You look feel at age 68 you won't have anything better to do? If that is your outlook on life I would suggest assisted suicide 'cause you are certainly a terminal case!

>and by then you won't need to know code.

......and that Nate is really you beef isn't it? It is the common thread in all your postings and replies on this subject. For whatever reason you are unable to handle code. Quit making excuses in the form of complaints, it shows a real lack of maturity. Everything isn't always going to be given to you in life.

grh

239. Re: WTD:HP manuals: 5245, 5255, 8614

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: stan@netcom.com
Message-ID: <stanDpCGsu.8Bq@netcom.com>
Source record: 203459
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

landisj@nad.com (Joe Landis - Systems & Network Mgr) writes:

>I'm looking for service manuals for the following Hewlett Packard instruments:
> 8614A .8-2.4 ghz generator
> 5245L counter
> 5255A 3-12.4 ghz counter plug in.
>Anyone have any gathering dust?

>73,
>Joe - AA3GN
>--
>Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
>landisj@nad.com ..speaking only for myself, of course..

Joe,

Give Ed Matsuda a call at 619-479-0225. He'll probably have the manuals
you need.

Stan

--

| Stan Perkins | ASMG, Inc. |
| stan@netcom.com | 619-490-9074 |

240. Looking for useable junk radios and parts.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: rmd@ka4ybr.netmha.com
Message-ID: <4k0qej$5pp@ka4ybr.netmha.com>
Source record: 203460
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I enjoy HF projects and am looking for older junk radios and parts.

If you have a dead tube or SS TX RX or transceiver (up to about
1980 vintage) or just a pile O parts and want to get rid of them
then send me some email. I'm even interested in stuff that weighs
hundreds to thousands of lbs.....

I have surplus datacom, networking, and computer HW to trade.
Can also trade technical help with mods or repairs to older
radios.

Also available for trade.
BC669 top section only.
All tubes there, no meter, rough.
Aircraft Radio corp R32, 108-135MHz RX.
no dynamotor, missing top and bottom covers, missing 2 x 9 pin tubes.
Appears to be otherwise unmolested.
Decibel Products remote antenna monitoring system, new surplus
with a number of (7) vHF and UHF directional couplers.
Sun SLC workstation. (SPARC)
Sun IPC workstation.
Sun 4300 board in 4110 chassis.

73,

-bob
WB4MNF

-----
rec.radio.amateur.equipment content
Is anyone using any Geloso gear?
I drooled over this as a kid and would like some first hand
reports of how well it performed.

Appears to have been pretty old tech for it's time,
perhaps that's why there isn't enough of it around for
me to find a set.

--
Bob Duckworth Consulting, 960 Ralph McGill Blvd. Atlanta GA 30306-4447
bobs' address is rmd@ka4ybr.atlanta.com 404-888-0389(V) 892-2301(FAX)
Buy Sell Trade Surplus Computer Electronics Datacom Telecom since 1981.
Fax or email your list for a fast cash offer. Watch for listserv catalog.

241. HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-04 00:00:00 UTC
From: muenzlerk@uthscsa.EDU
Message-ID: <01BB2211.47157E80@muenzlerk.uthscsa.edu>
Source record: 203461

griffithj@ricks.edu (James Griffith) writes:

>In article <4jelum$6ls@uwm.edu>, herb@alpha1.csd.uwm.edu says...
>>
>>I think you are right in the type of on the air traffic that takes place
>on HF. But, there is just as much that is fun and useful conversations.
>Some of us old farts, had no trouble getting to 20wpm, or passing the
>test that went with it, or the 2nd and 1st class telephone tests,
>supporting our family for 40 years from the money we made in the
>electronics industry that all started with a novice ticket.
>
>We didn't malign the HF bands, or the hobby for the skill it gave us to
>put food on the table and add to our knowladge of electronics and
>the world about us. Of course our conversations may be a little empty
>now, but not as empty as some of the heads that talk about us. Who live
>on fast foods, in apartments, with nothing paid for, and nothing elce to
>do but call us old farts smelly.
>
>Jim, WA7NDD

Amen to that Jim! He's just jealous that's all. He's a no-code
tech licensed in October 1995 who has probably never been on HF anyway.
According to his email information and FCC callsign information he is:

KB9LSX GINGRAS, NATHAN R LIC ISU 12-OCT-1995
TECH 3653 E PLANKINTON LIC EXP 12-OCT-2005
DOB 15-JUL-1977 CUDAHY WI 53110 LST UPD 12-OCT-1995

He's crying about the 20WPM code test. That hasn't gotten any
harder over the years it's gotten easier. You used to have to
copy a solid minute correct, now you only have to answer 7 of 10
questions about the QSO correctly. He would have no trouble getting
the 20WPM code or the theory that went with it if he'd spend half
the time studying it that he spent maligning it! If they continue
to live on the fast foods and fast money they may never live to be
an old fart. My grandfather was 5HS, later to become W5HS. He was
a ham for 60 years and was proud to be called an old fart. He was
also called an "Elmer" by many. Maybe that's what Nathan needs,
a good Elmer to guide him (or kick him in the a**.)

Kevin, WB5RUE
wb5rue@amsat.org
muenzlerk@uthscsa.edu

242. Re: Need help with high SWR problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Gregory Boren <symntlab@NetXpress.com>
Message-ID: <31655940.520B@NetXpress.com>
Source record: 203262

Sounds like you are exactly at a half-wave lenght multiple of coax, try adding a 1/4 wave to the cable and see if it changes. Good luck.

Greg/N5SKE

243. FS: Alinco DJ-580T Dual band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: jcboone@avana.net
Message-ID: <NEWTNews.828737945.16764.jcboone@jcboone.avana.net>
Source record: 203263

This unit looks good and is in excellent working condition. Has Alinco Quick Charger and original packing carton. Have complete operators manual. No 440 activity here so would like to trade, even, up or down for a 2 meter mobile or 2 meter all mode with comparable features. ie memory, dtmf, etc.
please e mail direct if interested
73's de jim/kf4alv

244. Re: Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Jim <jstrohm@texas.net>
Message-ID: <4k3nfa$rj5@newsgate.sps.mot.com>
Source record: 203264

I've heard it said that you can re-tune celphones up to the 902 MHz ham band, but I've never had a working celphone with documentation to try this out.

If you know a good way to disable the frequency-hopping functions, and allow manually setting the transmit and receive frequencies through the keypad, TELL US NOW!!!!! Even if it's just for one style of celphone. Even if it'll only do one frequency on simplex.

Even if it has to be hard-wired inside for single-channel simplex operation.

As far as conversion to 2 meters, no, it's not feasible unless you set up a phone patch from your celphone to a 2 meter rig. And this would defeat the purpose of what you want to do.

245. I look for metal detectors creator for technical information exchange.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: "Irina N. Borisova" <bin@poisck.spb.su>
Message-ID: <AFTCMPnmi8@poisck.spb.su>
Source record: 203265

[No readable article body recovered]

246. I look for somebody interested in metal detectors manufacturing in Russia.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: "Irina N. Borisova" <bin@poisck.spb.su>
Message-ID: <AGtEMPnmi8@poisck.spb.su>
Source record: 203266

[No readable article body recovered]

247. Wanted Info on Wilson Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Dennis Shegda <n3kre19@vivanet.com>
Message-ID: <31658E32.3478@vivanet.com>
Source record: 203267

HI and thanks for looking at this message, I picked up a Wilson Citi-Com S UHF Radio model WU1510, it is the GMRS band and would like to tune it down to the 440 band. Need info if this radio will go that low and if so the service manual and or information on how you did the retuning 73 Dennis N3KRE

248. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: bobclary@baldcom.net
Message-ID: <4k3p56$kge@majesty.lightlink.com>
Source record: 203268
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

nrj@cdx.net (Rob M.) wrote:
Rob,

>So you're teaching your eleven year old to break federal

>laws and build or operate pirate stations, (Checked the name

>of the group latel;y???

I didn't write the part about the 11 year old.

The message was posted in ALT.RADIO.SCANNERS also and, I think the person who cross posted his reply to ALT.PIRATE.RADIO may have done so by mistake, I did the same thing.

I didn't respond to your mail, because there was little to respond to. I received a couple other mail messages from other folks who disagreed with me, the others had points worthy of discussion and I responded to them. While we disagreed we had mature and rational discourse on the topic, and in one case some useful and freindly interaction on another topic.

I'm only responding to your silly sarcasm here, because when I didn't respond to the mail that you sent me, you had the bad tast to push the issue and repost what you sent me in private to this public forumn.

>Was Internet your first contact with the REAL world???

I have had lots of contact with the real world, and the internet is not it. Sad that you think it's the real world. The tone and style of your messages suggests to me that you need more real world face to face interaction with people.

Bob Clary
Enterprise Consulting
bobclary@baldcom.net
---

249. test message

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: brian@nothing
Message-ID: <199604051847.KAA02146@nothing.ucsd.edu>
Source record: 203269

```
test message - ignore (testing the gateway)
```

250. More on FT-530 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Dave Fifield <fifield@lan.nsc.com>
Message-ID: <31657ACA.2778@lan.nsc.com>
Source record: 203270

I have a brand new FT-530. I did the "green wire" mod. It does NOT receive on the 800 to 950 MHz band.

A friend of mine also has an FT-530 that he bought last year. He also did the "green wire" mod. His radio DOES receive stuff on 800 to 900 MHz.

Both radios have exactly the same schematic (I borrowed his to check).

Soooooo, that leads me to believe that the ONLY difference is in the control module programming. Checking the circuit diagram, there is a signal (L1) that could control the RX front end power. Maybe this gets turned off? I'll check.

Maybe all "we" need to do is change one of the other little links? Anyone found out anything else yet? Anyone got a proper service manual yet?

Let me know, thanks.
--

Dave Fifield
```
-----------------------------------------------
| LAN Applications Manager | KE6ZBZ |
| National Semiconductor Corp | QRP-L #92 |
-----------------------------------------------
```

251. Re: Commercial UHF OEM Transceiver modules WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr5.193715.14753@ke4zv.atl.ga.us>
Source record: 203271

In article <4jsoj8$1r8@Tandem1.opennet.net.au> umbra@opennet.net.au (Zak) writes:
>I am working on an AVLS project in Asia that may require up
>to several thousand units and I have been let down badly by a
>supplier.
>
>Actually, we are using a conventional VF transceiver in the
>range 460-490 Mhz, up to 5 Watts FM. This is the 'let down' product.
>Synthesized, 12.5 Khz steps programmable using jumpers or RS232
>download of frequencies.
>
>Can use a modified OEM board from a commercial hand-held transceiver.
>Don't need speaker, mic, chassis etc. just the board.
>
>Does Anybody manufacture or supply an equivalent radio ? We need it
>to be about 100 x 90 x 20 mm (not including BNC female connector).
>
>Our requirement is for 3000 units by 1 June 96.
>
>This is as serious as a heart attack, because our supplier
>was supposed to have 4 samples ready on the 8th of February.
>As I type this, we are still looking at 3 weeks delay before
>we get even the SAMPLES ! So basically we are crippled by the lack
>of a suitable UHF radio.

Email fails to your address, so I'll offer a suggestion here.
Look at the TEKK KS-900. It fits your power and size constraints
fairly well, and is intended for board mounting. It's designed as
a data radio, used here for 9600 baud, runs 2 watts, and can be
crystalled anywhere in the UHF band. 800-521-TEKK is their number.
(I know that's no good internationally, but it's all I have.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

252. FS: Kenwood TS-680S HF/6M Xcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: kc7mj@primenet.com
Message-ID: <4k3ra1$jij@nnrp1.news.primenet.com>
Source record: 203272
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Need a basic HF rig and/or want to be ready for the 6 meter
Sporadic E season ahead, then you may be interested in the
following:

Kenwood TS-680S HF/6M Transceiver
100W all HF bands 160M-10M (incl WARC), 10W 6M
Receives 500 kHz - 35 MHz, 45 - 60 MHz

Includes the following optional items:
YG-455C-1 500 Hz CW filter
IF-10C rig control interface
j-com RS-232 converter cable (like IF-232C)
MB-430 mobile mount
SP-430 external speaker
Service Manual

One owner, non-smoker
Electrically excellent (never needed service, only mod to restore
AM BC sensitivity)
Cosmetically very good (some paint wear around power control
slider and top front corners)
Includes original packaging, owner's manual, hand mike

$775, includes UPS shipping

73s Jim KC7MJ
kc7mj@primenet.com

253. Heath HW24HT=Standard C528A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: hepc@earthlink.net
Message-ID: <4k3uqr$8ih@argentina.it.earthlink.net>
Source record: 203273

I've read that the Heath HW24HT dual band HT is IDENTICAL to the
Standard C528A. Is this true? Will the Standard battery packs fit the
Heath HW24HT?

Thanks in advance.

--73, Todd KE4UDN

Todd Owen Hanover Engineers, P.C.
Richmond, VA 804-730-0011

ke4udn@amsat.org

---

254. Re: Yaesu FT10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4k3v6k$9fh$1@mhafc.production.compuserve.com>
Source record: 203274

What does the battery current (ie battery life) of the battery have to do
with local RFI (ie a receive problem)???

255. Re: Anybody have an IC-2000H???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4k3sk0$p0o@abyss.West.Sun.COM>
Source record: 203275
Cross-posted to: rec.radio.amateur.equipment,

In article <4k3880$72a@news1.h1.usa.pipeline.com>,
bumologist <bumologist@usa.pipeline.com> wrote:
>Anybody out there have an Icom Ic2000H?If you do,are you having a problem
>with intermod.I had a Yaesu FT2400 and it was much better.Icom claims in
>the ad "Highly Intermod Resistant".Compared to what?My Bearcat 9000 is
>better than the 2000 is by far.Anybody else having problems???Thanks..

Hmmm... my IC-2000H is quite good. It is nearly as good as a Motorola
MCX-100, at least in my experience. I've been to several heavily
populated radio sites with it, and it seemed to do an excellent job
of coping with dozens of high powered VHF high band transmitters.

Sounds like you may have a broken radio...

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

256. FS/trade Drake 1824 TVRO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: jbeckett@servtech.com
Message-ID: <3165852f.2383219@news.servtech.com>
Source record: 203276

```
FS or trade:

Want Drake R8A, R8, Icom 7100
maybe later general coverage xcvr.. ?

Drake 1824 Sat rcvr
Infra-red and UHF remotes,
manuals and original box
warranty runs till Dec 96
No VC II
$595
-------------------------
Orbitron SX-10
Polar mount
Corotor II+ C and ku
20 degree C LNB
.7 ku LNB
$395
local pickup only
-------------------------
Jim
KD2KU
Corning, NY

email jbeckett@servtech.com
```

257. Re: Icom 720A RX problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4k37ep$eam@news.halcyon.com>
Source record: 203277

jls@netcom.com (Jeff Strailey) wrote:

>The receiver in my 720A quits below 1.6 mhz. This doees not appear to be
>a bandpass filter problem. Any ideas?

>Thanks...

>Jeff
>--
> jls@netcom.com
Jeff,

I think the 720A has a low band antenna input for operation below 1.6
Mhz. This was quite common in ICOM H.F. radios of that vintage. So an
antenna connected to the usual antenna connector will do nothing got
below 1.6 Mhz.

Gary

258. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4k43ol$lm4@crash.microserve.net>
Source record: 203278

OK, I see the problem with this thread now. There are too many Dayton Experts and not enough plain folk. As always, comments, criticisms and nit-picking are all equally welcome.

1. Creating Current In The Coax

When the transmitter places an RF voltage on the center conductor of the coaxial cable, RF current flows into the center conductor and sets up a circumferential magnetic field. The rise and fall of this field creates an equal and opposite current on the inside of the shield. The relationship between these two currents is fixed by the nature in which they interact inside the coax and nothing external to the cable will change this. The current on the center conductor and the current on the inner shield will always be equal and opposite.

2. Current Flow To The Load

The equal and opposite currents in the coax flow toward the load at a speed determined by the velocity factor of the coax.

At the point where the coax ends at the antenna, the magnetic field that maintains the equal and opposite relationship inside the cable collapses. Both the inner conductor and the inside of the shield simply become two wires carrying equal and opposite RF current. Each wire also has an equal and opposite RF voltage, although the voltage may not be in phase with the current. The voltage on each conductor is electrically attracted to the load, to ground, and to the voltage on the opposite conductor.

3. Where Is The Load?

The current on the wire leading from the center conductor of the coax to the dipole has only one path - the leg of the dipole. Current on the other wire, leading from the inner shield of the coax, has two paths. The first path is the leg of the dipole to which it's connected. The other is the outer surface of the shield of the coax.

For RF purposes, the outside of the shield is an unwanted conductor that's attached to one leg of the dipole. To visualize this a little better, remember that skin effect causes RF to flow only on the surface of a conductor. As a result, the shield is actually two separate conductors at RF - the inner surface and the outer surface. These two conductors are joined together at each end, but elsewhere they are isolated for RF.

4. The Path To Ground

Current flowing out of the inner shield at the antenna will take two paths. Part of the current will flow onto the leg of the dipole and part will flow down the outside of the coax toward the hamshack. The current flowing on the outside of the shield radiates and it will continue to radiate all the way into the shack. Once it reaches the shack, it seeks ground through the chassis of the transmitter, as well as anything the transmitter is attached to (including other equipment and the AC line). This creates RF current flow on equipment grounds and accessories. Depending on the exact nature of the situation, this can burn the operator, cause equipment malfunctions, and generate RFI.

5. The Balun Solution

A voltage balun at the antenna creates a magnetic field within its windings that tightly couples the energy exiting the coax. This coupling overcomes the attraction to ground for currents that would otherwise travel down the outside of the shield. A small current may continue to flow on the outer shield following installation of the balun, but unless the impedance to ground is very low, it will not be significant.

A current balun provides much the same function, but by different means. The current balun acts as a large RF choke on the outer shield, isolating the shield as a potential current path. This forces nearly all the current to flow out to the leg of the dipole, reducing outer shield current to a minimal value.

6. SWR

Any mismatch between the impedance of the antenna and the characteristic impedance (Z0) of the transmission line will create reflected waves and cause SWR to rise above 1:1.

SWR is typically measured by the ratio of forward current to reflected current. Current is the same everywhere in a series circuit, therefore the forward current and reflected current are the same everywhere in the line. This means that SWR is the same everywhere in the line, and that changing the line length will not change SWR. If an SWR meter indicates a different ratio when line length is changed, the possible causes are A) the meter is imperfect and is being affected by other conditions, B) the meter employs a technique that consists of something other than pure current measurement, or C) current flowing on the outside of the shield is sufficient to render the outer shield a part of the antenna (thus changing the length of the coax actually changes the antenna length).

The latter does not mean that SWR varies within the coax, only that changing the length of the shield has affected the impedance at the feedpoint of the dipole. Unfortunately, it is not possible to change the internal path length without also changing the length of the shield. Therefore, a cursory observation of this phenomenon often leads the user to an incorrect conclusion.

7. Impedance

When SWR is 1:1, the operational impedance (E/I) will be the same throughout the line and will equal the Z0 of the line. However, SWR causes the operational impedance to change throughout the line because the reflected current is not in phase with forward current (this is what creates standing waves). At the location in the line at which the forward and reflected currents cancel each other, a current minimum (node) exists and impedance will be high. Where they become additive, a current maximum (loop) exists and impedance will be low. Between the current nodes and loops, impedance will be at some median value.

Because impedance changes throughout the line, changing the length of the transmission line will cause the impedance seen by the transmitter to also change. The exact impedance will depend on the relationship of forward and reflected current (and voltage) at the point at which the transmitter is connected. It should be noted that this change in impedance is often misinterpreted as a change in SWR, because some SWR meters use an internal reference set to 50 ohms.

8. Coax length

If the transmission line is an exact electrical half wavelength (or multiple) at the frequency of operation, forward and reflected current will coincide at the input of the line in such a way as to duplicate the impedance of the load at that point. This is useful if the antenna presents the desired load for the transmitter, because the antenna's impedance can be made to appear at the input of the line regardless of SWR or the characteristic impedance of the line.

If the transmission line is an exact electrical quarter wavelength (or odd multiple) at the frequency of operation, forward and reflected current will coincide at the input of the line in such a way as to create the highest possible impedance at that point. This is useful if it is desired to isolate a signal source from a particular load at a particular frequency.

In order to achieve a specific electrical line length, the velocity factor of the transmission line must be taken into account.

9. Shield length

The most appropriate shield length is usually an electrical quarter wavelength (or odd multiple) at the frequency of operation. This will provide maximum isolation between the junction of the coax shield and antenna, and the transmitter. However, this may change if the antenna isn't resonant because standing waves on the antenna itself will move the current loop away from the feedpoint.

Conductors attached to the outer shield at the transmitter may also need to be accounted for. Multiple conductor lengths are usually involved and the impedance of these conductors to earth ground or to other electrical mass may be difficult to define. Standing waves may also be created on the shield. The many unknowns that result from factors such as these, and the difficulty in analyzing them, may

combine to render the quarter wavelength shield less than effective.

Note that velocity factor applies only to currents subjected to the internal structure of the coax and is not a modifying influence in the length of the shield. A side effect of this phenomenon is that it is not possible for a given length of coax to have the same electrical length internally as on the shield.

10. Non-resonant Antennas

If the antenna is not resonant, reflected waves on the antenna itself will alter the relationship between the physical length of the outer shield and its ability to isolate antenna current from ground. In addition, the amplitude of standing waves may be very high, causing the symptoms to become more obvious. This often leads to the conclusion that SWR causes RF in the shack, when in fact it has merely aggravated a preexising deficiency of the system.

11. Non-Resonant Antennas And Baluns

As mentined previously, the balun provides a solution to the problem of outer shield current. However, when faced with a high impedance load such as a non-resonant antenna, a balun may cease to function as intended. When this occurs, RF current may bypass the balun in favor of the outer shield, again causing noticeable RF in the shack. This condition often reinforces the erroneous concept that SWR causes RF in the shack, although it is only indirectly related. If the system is used for multiband appications, the solution is to either utilize a resonant antenna or find a means other than a balun to maintain system balance. Once the problem is resolved, grounds in the hamshack should be RF free even if an earth ground is not attached.

73,
Jack WB3U

259. Re: wireless internet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4k460f$n45@comet.connix.com>
Source record: 203279

tculin@teleport.com (Ted Culin) wrote:

>I received a copy of an article which came from the University of
>Oregon. They have set up a wireless internet system on the University
>(One mile coverage) using 68 repeaters positioned around the facility.
>The computer uses an all in one modem radio with advertised speeds of
>14.4 to 28.8. The company has set up simular systems in San
>Francisco.

>Anyone hear about this or have any details. The name of the company
>is Metricom, Inc. and they are located in the San Jose area of
>California (408) 399-8200. I just wounder what it would take to
>establish a 28.8Kb link on 2m?

A change in FCC Part 97 to start ... 28.8 kb would take up too much
spectrum on the ham 2m band!

260. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Cal Eustaquio <ceustaqu@farad.elee.calpoly.edu>
Message-ID: <Pine.ULT.3.91.960405132201.25999A-100000@farad.elee.calpoly.edu>
Source record: 203280

Sorry to hear that you have a problem with HF Nathan. Yes, you are absolutely correct concerning your rights regarding free-speech, et al. However, what was the purpose of posting your "HF sucks" post, eh? If you're looking for kindred spirits, I doubt sincerely you'd find 'em here. And, you've just looked into the nature of the beast: the majority of talk on ham radio is going to be on radios. However, as an outlet, they do have special interest nets available. But, whatever. Usually posts like your's are of "limited bandwidth, high-noise, and large distortion" anyways. 73's and good luck in your life. Cal J. N6KYR.

On 4 Apr 1996, Nathan Ryan Gingras wrote:

> Kevin Muenzler (muenzlerk@uthscsa.EDU) wrote:
>
> : But then maybe you don't want a challenge, you might just want
> : it handed to you like the last line of your comment suggests.
> : Although it probably isn't your fault that you want things handed
> : to you. Maybe you were brought up that way, expecting things
> : to be handed to you, not having to work for anything. Have your
>
> Methinks not. I wouldn't upgrade if I could send code str8key at 20000wpm.
> I am saying that hf is LAME! Why would I want to be a part of it? I will
> upgrade when I am 65+, and have nothing better to do. You may think that
> everyone who doesn't upgrade is a lazy devil, and will not take the time
> to learn to copy code... The problem is that I have much more important
> things to do than sit in my basement & play with radios. I got the wrong
> impression of ham radio, and that's why I got into it. I like
> electronics, and all that jazz, but there is noone to talk to on HF that
> talks about anything besides radios, etc. When I call someone on the
> phone, we don't talk about what kind of telephone we are using.... same
> thing. I am sick of hearing about everyones radio. (and all other boring
> ragchew crap.) I listen to HF ALOT, and have worked alot too. I have
> never heard anyone talk about Music, or Society, or anything interesting.
>
> I have my opinions, you have yours. The difference is that I don't
> automatically think my ideas are superior just because they are mine. I
> am glad you like HF, but I DONT! (And I was half-hoping I could be
> convinced otherwise before I totally gave up on Ham Radio.)
>
>
> Nate.
>
>
>

261. Re: Problem with HeathKit SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: doug@alpinet.net
Message-ID: <4k48e4$166@tofu.alt.net>
Source record: 203281

mchasse@primenet.com wrote:

>I have a SB-200 that has a high voltage problem. The meter report a high voltage of
>only 1700vdc and not the required 2400vdc for normal operation. Has any one encountered
>this problem. Any help would be great, as I don't want to rebuild the entire power supply
to
>find the problem.

>Thanks and 73's

>Mike
Hi Mike...Tom is on the right track...and I'll toss in my experience
too. The diodes in the stack get leaky as they age (from heat)
and will start passing more and more AC component as time goes]
on. Just for grins, you can replace the diodes in the stack for about
$3 apiece and that'll give you a point to start with. This is all
assuming the multiplier resistor is good...an ohmeter can help there.

Good luck

Doug, K7YD

262. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr5.224816.15395@ke4zv.atl.ga.us>
Source record: 203282

In article <DpAy46.HHA@twisto.eng.hou.compaq.com> Monty Wilson
<mwilson@bangate.compaq.com> writes:
>w8jitom@aol.com (W8JI Tom) wrote:
>>In article <DpAL8r.Kz8@twisto.eng.hou.compaq.com>, Monty Wilson
>><mwilson@bangate.compaq.com> writes:
>>
>>>When you are feeding a 50 ohm antenna system from a 50 ohm radio, with
>>>50 ohm coax, minimum standing waves on the braid of your
>>>coax (and thus minimum RF in the shack)
>>>is achieved when the points at each end of the coax are current nodes.
>>
>>No, that isn't true at all! Common mode currents (that cause RF in the
>>shack):
>>
>>First, are they are not affected by the velocity factor of the cable. The
>>cable's internal dielectric has no effect on these currents! The
>>surroundings of the cable does have a great effect, and that varies with
>>cable placement. The use of the cable's published velocity factor in the
>>formula is completely without merit!
>
>Well what he was using the velocity factor for was to determine what
>PHYSICAL length of cable represented an ELECTRICAL half wave. In other
>words, if you wanted a half wave length of feedline for six meters, you
>can't just measure out three meters of coax; you first have to multiply
>by the velocity factor. If you disagree with that, then you definitely
>have a disagreement with this fellow, because I remember that part of
>his presentation very distinctly.

Since the only currents (or voltages) that can result in RF in the
shack syndrome *must* flow on the *outside* of the coax, velocity
factor for currents flowing *inside* the coax is irrelevant. The
VF for currents on the outside of the coax is the same as if the
currents were flowing on an ordinary insulated wire, and at HF that
is roughly equivalent to the free space length.

>>Second, a half wave of cable, or multiples (for common mode), is the WORSE
>>possible length imaginable to use with a half wave antenna. Unless you
>>WANT maximum RF in the shack! The ground connection at the shack reflects
>>as a low impedance for common mode currents at the antenna, and
>>**maximum** feedline common mode current occurs.
>
>The ideal feedline is that which looks like there is no feedline at all;
>in other words, the rig generating the RF signal appears to be right at
>the antenna. Zero is an integer multiple of a half wave, but it is not
>an odd multiple of a quarter wave.

>
>If there is an error here, then it is only in my own mind and my memory
>of the event. But I sure thought I heard "integer multiple of a half
>wavelength," and I definitely heard 91'3".

There's an error here all right. The error is in confusing behavior of
currents on the *inside* of the coax with behavior of currents on the
outside of the coax. In a matched system, IE 50 ohm transmitter, 50
ohm coax, and 50 ohm antenna, there are *no* net return currents down the
inside of the coax, IE SWR = 1:1 and all power flows unidirectionally
to the load, *regardless* of feedline length. If the coax is terminated
in a mismatched load, say 75 ohm antenna feed impedance instead of 50 ohms,
then the SWR on the coax won't be 1:1, there will be reflections down the
inside of the coax, and the transmitter will see a load impedance other
than 50 ohms.

A swing around the Smith Chart will show that this load will appear higher
or lower in impedance than 75 ohms at the transmitter depending on the
particular line length. At the "magic" length of 1/2-wave (internal to
the coax including VF) the load impedance repeats, and the transmitter
sees 75 ohms, which is still a mismatch. The transmitter has to be adjusted
to match this presented impedance, and when it is, all *net* power once
again flows unidirectionally to the load and is dissipated there.
Now this is key, the *same* thing happens at any other coax length.
As long as the transmitter is tuned to match the presented impedance
(whatever it is), all net power flows unidirectionally to the load.
No power can escape the coax except at the antenna load, and there is
no hot shack.

It may well be, and often *is*, easier to match the impedance presented
at the transmitter end of the coax when the line length is something
other than 1/2-wave. An example of that is when the antenna is a full
wave at the frequency of interest and the antenna impedance is thousands
of ohms, IE a 80m dipole used on 40m. A length nearer a 1/4-wave in that
case will serve to transform the presented impedance to the transmitter
down to something fairly close to 50 ohms, and thus easier for the
transmitter to match.

>>>other words, there is a current node where the coax attaches to the
>>radio,
>>>optionally some others along the coax, and another current node at the
>>>antenna feed point.
>>
>>Feeding a half wave dipole, there will be a common mode current loop
>>(maxima) at the radio and at the antenna!
>
>I'm not talking about common mode and I'm not talking about differential
>mode. I'm not talking about loops, spins or dive bombs. All I'm saying is
>that in a properly designed feedline and antenna system, the RF current which
>flows from the radio, through the feedline, to the antenna, will be at a
>maximum at the radio and again at the antenna, and the voltage at these

>points will be a minimum.

Inside the coax. But that's irrelevant as long as the transmitter
can drive the presented impedance. The only voltages and currents that
matter to the hot shack syndrome are those on the *outside* of the
coax. Coax is *balanced* line. The currents on the inner conductor
are balanced by the currents on the inside of the outer conductor.
That's why coax doesn't radiate. At the antenna, if you don't use
a choke "balun", currents from the inside of the coax outer can "turn
the corner" and flow back down the *outside* of the coax (dividing
with the currents flowing onto one half of the dipole) while currents
on the inner flow out completely onto the other half of the dipole.
This current flowing back down the *outside* of the coax is *unbalanced*
because the current that could have balanced it is flowing on the antenna
instead. Therefore this current can radiate, and can propagate down the
outside of the coax back to the shack and make it hot to RF.

A 1/2-wave wire is naturally resonant, and will have a voltage *maxima*
at its ends, regardless of whether it is excited in the middle or on
one of its ends. In fact, if it is excited at one of its ends, the
impedance presented will be thousands of ohms. That's why the fellow
at Dayton was right, and Tom is wrong. Because the end of the coax
outer looks like thousands of ohms when it is a 1/2-wave *physical*
length. The currents at the antenna will divide unequally with most
of the current flowing into the low impedance of the 1/4-wave half
of the dipole, and very little trying to turn the corner and flow
into the high impedance presented by the coax outer end.

Tom's mistake is trying to use transmission line theory on what is *not*
at this point functioning as a transmission line. It is, instead, an
unintended end fed 1/2-wave antenna. Now while it is true that the
ends of such an antenna are voltage maxima, that's because the ends
are very high impedances, and thus not much current will "turn the
corner" to excite this "antenna", so there won't be much high voltage
down at the shack end. OTOH, a 1/4-wave will be a low feed impedance
at the antenna, thus lots of current will divert down toward the shack,
and will express itself as a high voltage at the high impedance of the
other end. (And the other end *will* be a high impedance because the
current can't penetrate the coax shield or the transmitter case to
"close the loop" with the driving source. Whether the transmitter case
is connected to Earth or not is largely irrelevant as well.)

>I never said this stuff was gospel. I am, after all, doing this from
>memory and I'm just trying to impart it to the original poster as best
>I can. I did ask for corrections and comments. I guess the exclamation
>points were thrown in free of charge.
>
>>>Choosing a feedline that's an electrical half wave (or multiple thereof)
>>>not only reduces RF in the shack, but it also makes the SWR readings on
>>>the shack wattmeter more accurately reflect what's going on out at the
>>>antenna.

>>
>>If the meter reads different SWR as it's moved along the line, either the
>>meter or the line is of a different design impedance. If the meter's
>>design impedance is 50 ohms, and the line design impedance is 50 ohms, the
>>SWR reading will be correct and the same anywhere along the line (unless
>>the line is very lossy).
>
>A meter is only capable of reading what's going on at its terminals.

Right, and its terminals are connected *inside* the line segment
internal to the SWR bridge. That's 50 ohms, if the line is 50 ohms,
the meter will read the same regardless of where in the line it is
located. The fact that there may be RF flowing on the *outside* of
the line section will have no effect on the meter reading (assuming
the meter is properly built). The critical factor to remember is that
the coax outer is a Faraday shield, currents can't pass in or out,
so they don't interact at all except at places where the shield is
broken (such as at the antenna feed point) and they can "turn the
corner".

I'm sure Tom is having cats and little kittens at this point. :-)
This is not how he would analyze how coax works. That's Ok,
models are just tools for visualizing what we measure. This
model works, so does his (when applied correctly), I just find
this one easier to visualize.

>>Did a lecturer at Dayton actually say all of this without anyone
>>questioning him?
>
>Not just a lecturer, an antenna and feedline expert. No, apparently he did
>not say "all of this," he seems to have said something that I misremembered
>as being "all of this." No, he didn't lecture without questions. He took
>lots of questions, and answered them very satisfactorily.
>
>Yours are the only comments I've received. I guess I'd better try and find
>this guy again. I'm trying to reproduce the computations now, for the 80m
>ham band. 468 / 3.5 (low end of 80m in Mhz) times a velocity factor of .66
>gives 88 feet three inches. I wonder if the 91'3" could be close enough to
>this length for correct operation on 80m and the 3' difference was done to
>bring some other band into "close enough" range. However, the upper end of
>the band (for example 3.9 MHz) gives a length of 79'2".

Well now you have a second voice. Your expert was right (sort of) but
for the wrong reasons. Tom is (mostly) right but also (sort of) wrong
for the wrong reasons in saying a 1/2-wave line gives the "hottest shack".
Actually, it is the 1/4-wave that gives the hottest shack if currents
are allowed to "turn the corner" at the antenna feed point. If they
aren't (by use of a choke "balun") then neither will cause a "hot
shack" and line length is irrelevant to the issue.

(I'd suggest we dispense with the term "balun" here and simply refer
to this as a RF choke since that's the function it is actually performing,

IE choking off currents on the *outside* of the coax.)

Gary
--
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263. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr5.225848.15483@ke4zv.atl.ga.us>
Source record: 203283

In article <4k1h27$31g@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> Monty Wilson <mwilson@bangate.compaq.com> wrote:
>
>>The ideal feedline is that which looks like there is no feedline at
>>all; in other words, the rig generating the RF signal appears to be
>>right at the antenna.
>
>I just caught the tailend of this discussion, but the preceding is not
>correct. What you're saying is that the impedance of the outside of
>the shield between the rig and antenna should be zero ohms. However,
>if that was the case, common mode current would be greatly encouraged
>to flow from the shield connection at the antenna through the
>transmitter chassis to ground. In fact, all else being equal, RF
>currents on the chassis of the transmitter would be higher than in any
>other possible scenario.
>
>73,
>Jack WB3U

That's assuming the currents are flowing to "ground", Jack. But
that's not what they do. The current is trying to "close the
loop" back to the source, Kirchhoff's law, and the source is
inside a Faraday box called a transmitter. The RF currents on
the outside of that box can't get in, can't close the loop,
and therefore that model fails. The currents flowing on the
outside of the coax and transmitter enclosure are *antenna*
currents, unintended antenna to be sure, and the only way they
can dissipate is by radiating. "Grounding" the transmitter only
gives the currents a bigger "antenna" to flow over.

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264. Re: Help on Service Monitor Recommendations!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr5.233817.15632@ke4zv.atl.ga.us>
Source record: 203284

In article <4jvhc0$6d1@cville-srv.wam.umd.edu> ham@w3eax.umd.edu (Scott Rosenfeld NF3I) writes:
>The radio club is looking for a NEW service monitor.
>
>Spending $5,000 or so, what do you recommend???

Saving up lots more money. :-)

There aren't any good NEW service monitors for $5,000. The cheapest NEW service monitor that's worth owning is $9,000, the IFR500A, and the better ones run twice that.

You could get a *used* IFR1200 though. And that would be a great instrument. I've seen them for sale for as little as $3,500 to $4,000. Spend another $750 to have it checked, calibrated, and certified by the IFR factory, and you'll have a real gem. Not as nice as a new IFR1500 with tracking generator, of course, but still a fine instrument, and not $18,000 either.

Of course a Motorola 2001 could be made to suffice in a pinch too, but you *won't* want to carry it to the repeater site. It's bulky and heavy, yet fragile.

Gary
--
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265. Wanted YEASU FT902 Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: dep@scr.siemens.com
Message-ID: <DpEvq3.AIF@scr.siemens.com>
Source record: 203285

Hi

This is a posting for a friend who does not have Internet
access. Please direct all your inquiries to him.

Thanks
Dave Post
WA2QIK

Hi

I am looking for the following YEASU equipment for my
FT 902DM

1) FL2100F or FL2100Z Linear

2) YO901P Scope with PAN adapter

3) YC902 Transmatch

4) YEASU RTTY/Code reader

5) Yeasu QC-10 World Clock with stand

Please direct all enquireies to Jim N2EIY between
6PM and 10PM East coast USA time.

Call: Jim 908-233-4187

or use

My beeper number 908-314-5663

Thanks

Jim N2EIY

266. Re: Anyone replace a Lithium battery in Kenwood moble radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: kc7mj@primenet.com
Message-ID: <4k49up$3ub@nnrp1.news.primenet.com>
Source record: 203286

"Devon D. Snyder" <dsnyder@sparc.isl.net> wrote:

>I have a Kenwood TM-231, 2M radio. Recently, when I power on the radio I lose
>all of my memorys and other settings. I think my lithium battery is dead.
>The instruction manual says to send it back to Kenwood to have the battery replaced.

Devon: I replaced the lithium in my TM-221 2M radio (very similar to
TM-231 I'm sure). It is located in the front panel assembly, and can
be replaced if very careful going about it. Battery is a standard
type, but difficult to find with the necessary tabs. I removed the
tabs from the old battery, and VERY CAREFULLY soldered them onto a new
battery. Other than this soldering process, it is a very simple
disassembly process. If you need more info, I can provide it.

IF YOU ARE IN THE LEAST UNSURE ABOUT DOING THIS, HAVE KENWOOD DO IT.
SOLDERING LITHIUM BATTERIES CAN BE VERY DANGEROUS. As they say, you
shouldn't try this at home hi hi.

73s Jim KC7MJ
kc7mj@primenet.com

267. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4k40qg$o86@ccnet2.ccnet.com>
Source record: 203287
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

nrj@cdx.net (Rob M.) wrote:
>bobclary@baldcom.net (Bob Clary) wrote:
>
>>slwork@netcom.com (Steve Work) wrote:
>
>>>recurry@insighttec.com wrote:
>>>: Can we move this discussion to another subject heading. It's been
>>>: going on for over a week. My 11 year old reads this newsgroup and it's
>>>: certainly not a good example.
>
>So you're teaching your eleven year old to break federal
>
>laws and build or operate pirate stations, (Checked the name
>
>
>of the group latel;y???

You mean the nameS of the groupS that your reply went to....

Groups like...
rec.radio.amateur.antenna
rec.radio.amateur.equipment
rec.radio.amateur.misc
rec.radio.amateur.policy
rec.radios.shortwave
uk.radio.amateur
alt.radio.scanner
aus.radio

Oh yeah! And alt.radio.pirate

268. Radio Broadcasting Database LW MW, SW

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Charles Bolland <chuck@flinet.com>
Message-ID: <3165F362.7A45@flinet.com>
Source record: 203288
Cross-posted to: rec.radio.amateur.equipment,rec,radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc.,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave

A Stand alone IBM compatible Broadcasting Radio Station Database Program
for longwave, Mediumwave, and Shortwave. Over 4,000 records included
already. Completely, read/write and update-able.

If you would like a copy, send your Mailing Address - the one you
receive letters with - and your E-mail address. The program will be
sent back via E-mail to you within 24 hours.

Your mailing address will be used to send you further details on a full
featured database program called Voyageur. All information is
confidential.....!

Hope to hear from you.

Chuck Bolland
chuck@flinet.com

P.O. BOX 18402
WEST PALM BEACH, FL 33416

KA4PRF

269. Re: Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr5.234905.15835@ke4zv.atl.ga.us>
Source record: 203289

In article <4k0hjd$2b3@knot.queensu.ca> rpickeri@loyalistc.on.ca (Robin Pickering) writes:
>I would like to know if a cell phone can be altered so as to change the pll
>frequencies to get it to opperate in the 2m range.
>I know cells opperate at about around 900mhz, with an IF around 40mhz.
>
>Can a cell be re programed (along with a xtal change with the pll ref
>signal) so as to get it to opperate as a 2m ham radio?
>
>I know a pll can be set to different ranges by a xtal change and different
>modulus numbers; however what conserns me are all the tuned circuits in the
>intial RF input and the output stage. If it can be done by reprogram the
>eprom in the phone and a few simple component changes I'd shure like to take
>a crak at it.

No, you can't get the cellphone down to 2m. It's possible you could
move it to the 902 MHz amateur band, however. The split is wider than
that band, though, so you won't be able to use it duplex. Getting it
to work simplex, or at least on a short split, would be challenging,
and the output bricks in those things usually don't work well in the
902 band. The modules are potted, and there's no access to the frequency
determining elements of the hybrid. Probably the best thing to do with
one is to use it for parts. There's some neat stuff in there that you
can use in a homebrew rig.

Gary
--
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Lawrenceville, GA 30244 | |

270. Re: Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr5.235721.15922@ke4zv.atl.ga.us>
Source record: 203290

In article <4k3nfa$rj5@newsgate.sps.mot.com> Jim <jstrohm@texas.net> writes:
>
>If you know a good way to disable the frequency-hopping functions, and
>allow manually setting the transmit and receive frequencies through
>the keypad, TELL US NOW!!!!! Even if it's just for one style of
>celphone. Even if it'll only do one frequency on simplex.

Many of the older cellphones could be put into service mode from
the keypad, my Uniden can be. That allows you to set the transmit
and receive frequencies, put it in transmit or receive manually,
run the power up and down, etc. It will *not* allow you to work
simplex, however, because transmit and receive bands are offset
by 45 MHz and you can't change that.

With all the illegal cloning going on, newer phones generally can't
be put into service mode without a special factory jig and special
software that the factories don't let out of their sight.

Gary
--
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Lawrenceville, GA 30244 | |

271. FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: wcollins@mindspring.com
Message-ID: <wcollins-0504962128200001@user-168-121-69-102.dialup.mindspring.com>
Source record: 203291

Howdy everyone,

I saw an ad for the new Yaesu FT-50R and wonder if anyone has any info on
it or has used it yet. Thanks in advance

--
Regards,
William Collins
Atlanta, GA
wcollins@mindspring.com

272. Kenwood TS-440SAT For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: keith@stlnet.com
Message-ID: <4k28i9$i6m@news.stlnet.com>
Source record: 203292

FOR SALE:

Kenwood TS-440SAT. HF 300Khz - 30Mhz receive, 160m - 10m transmit. SSB, CW, AM & FM. Built-in automatic antenna tuner. MC-60 desk mic. Good condition. Just re-aligned and checked out.

$775.00 (negotiable)

For more info or phone number, E-mail me at:

keith@stlnet.com

273. Best DSP radio ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: ferraro@ix.netcom.com
Message-ID: <4k3o32$2ma@dfw-ixnews3.ix.netcom.com>
Source record: 203293

A Friend of mine would like to find out any user experience with any of the available dsp units. Any reports would be appreciated.

73's de Mike K6ZSR

274. WTB: HF Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: ke7gh@primenet.com
Message-ID: <4k4j1d$cv6@nnrp1.news.primenet.com>
Source record: 203294

I am looking for an HF amplifier primarily for RTTY use, but
will consider all types...

Brian KE7GH (602)839-3484 ke7gh@primenet.com

--
Brian Short 1994 E Laguna Dr Tempe, AZ 85282 (602)839-3484

275. Any mailing lists for Drake?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: payne@iquest.net
Message-ID: <DpDGHn.MMs@iquest.net>
Source record: 203295

After 20 something years of wanting...I finally got a mint T4X and R4B. Interested in ideas, mods, hints, etc. Anyone know of a mailing list?
73,
-Don "payne@iquest.net"

276. Re: Anybody have an IC-2000H???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: mitch@primenet.com
Message-ID: <3165e074.14174147@news.primenet.com>
Source record: 203296

bumologist@usa.pipeline.com(bumologist) wrote:

>Anybody out there have an Icom Ic2000H?If you do,are you having a problem
>with intermod.I had a Yaesu FT2400 and it was much better.Icom claims in
>the ad "Highly Intermod Resistant".Compared to what?My Bearcat 9000 is
>better than the 2000 is by far.Anybody else having problems???Thanks..
>--
>
>Bumologist....
>BARRY FELSTEIN N8PVX
Barry,
Call Gary Fiber at Icom. He tells me that he has a factory
modification available to take care of the intermod problem. I have
the same problem with my IC-2000H and it didn't impress me at all,
considering that my IC-W31A HT does a better job on intermod that the
IC-2000H. I am sending the IC-2000H to Icom to get the mod done for
intermod.
73
Bill
N0EVG

277. Info - FT101E -6146W

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Thomas Martin <tjmartin@ro.com>
Message-ID: <3165E292.5CBC@ro.com>
Source record: 203297

Does anyone have info on the mod to changeover to 6146W finals in a
FT101E

Thanks

Tom

278. QLF Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: rblood@ibm.net
Message-ID: <4k1p8u$1cni@news-s01.ny.us.ibm.net>
Source record: 203329

An interesting project (not an april fools joke) is my QLF filter.
QLF stands for Left Footed code. This design will convert your
actual code into more readable and properly spaced CW.
For more info, check out http://www.lookup.com/Homepages/100441/home.html
Thanks for the bandwidth.
Roger, KI5YN Austin Tx.

279. ALR206T Blown PA unit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: randers@coastalnet.com
Message-ID: <4k1psb$rn2@treasure.coastalnet.com>
Source record: 203330

Hello all,
I've got an ALT206T with a blown PA. Alinco doesn't support that
model anymore and can't seem to help. Anyone know where I might get a
replacement for IC1 on the PA unit?

TNX & 73 -KE4CLU-

280. Re: Icom 720A RX problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: HATP34A@prodigy.com
Message-ID: <4k1s9i$1vp4@usenetw1.news.prodigy.com>
Source record: 203331

Jeff Check to see if you've got a separate antenna jack for lowband on the 720.

Ed K. KB2NSP in OC, NJ

281. Re: Synthesizer Tuning Noise

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: jpd@space.mit.edu
Message-ID: <4k1v6b$i2u@senator-bedfellow.MIT.EDU>
Source record: 203332
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

In article <31641A62.136B@earthlink.net> Walt Novinger <waltn@earthlink.net> writes:
> J. L. Blanton wrote:
> >
> > On my Drake R-8A I9ve noticed a clicking or scratching noise that occurs
> > when the synthesizer is tuned. <snip>
> > Lee, WA8YBT/6
> > Temecula, CAFunny you should mention this, as I'm using a friend's Lowe Europa
> for a
> couple of weeks, and have found the same problem (also had the problem
> on my Lowe HF-150). Turns out that the receiver is radiating the hash
> and it is being picked up by the antenna. How do I know this?
> Simple...my ANC-4 nulls it out *completely*. It appears that the hash
> leaks out either the case, ot thru the power cable or the keypad cable.
> Whatever the path, if it were being picked up *inside* the radio, the
> ANC-4 in series with the antenna wouldn't have such a profound effect,
> IMHO.

On the R8 and R8A, this is not leakage, it is phase discontinuties
in the frequency synthesizer. The R8 synthesizer operates in base
100, with different PLL's handling tens of Hz, thousands of Hz,
and hundreds of kHz. When you tune from, say, 5.00099 to 5.00100
MHz, the 10 Hz loop drops down 990 Hz while the 1 kHz loop jumps
up 1000 Hz. These jumps are neither instantaneous nor simultaneous,
so for a couple of milliseconds the receiver is mistuned by hundreds
of Hz. I've actually measured the phase discontinuity on my R8:
it's about 8 radians.

I'm trying to use the R8A for a satellite data collection project,
using it to feed narrow band CPFSK to a software demodulator.
Doppler tracking of the spacecraft carrier (by commanding the R8A
from the computer) causes a phase discontinuity, and thus a possible
data dropout, every kHz. This is more a minor annoyance than a
major problem (but I'm still annoyed :-(. I also have a few $10,000
telemetry receivers for this purpose, but at low signal/noise they
show a much higher bit error rate than the R8A/software demodulator
combination (and are too expensive for a big network anyway).

There are also some extremely faint clicks on the 10 Hz boundary,
but I need a very clean, high signal/noise carrier to hear them at
all, and I can't find them with my phase tracking software.

--
John Doty "You can't confuse me, that's my job."
jpd@space.mit.edu

282. TenTec Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Greg Limeberry <glimeber@mail.tima.com>
Message-ID: <4k20pb$g8d@gretle.intersource.com>
Source record: 203333

Am searching for opinions of the Omni VI. What has been your experience?
What are the strong/weak points? How is the service and ease of operation?
Thanks in advance for your help!

Greg Limeberry

283. TenTec Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Greg Limeberry <glimeber@mail.tima.com>
Message-ID: <4k20pf$ga4@gretle.intersource.com>
Source record: 203334

Am searching for opinions of the Omni VI. What has been your experience?
What are the strong/weak points? How is the service and ease of operation?
Thanks in advance for your help!

Greg Limeberry

284. WANT TO BUY: LOWE HF-150

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: kovar@zeus.ia.net
Message-ID: <4k26q5$459@hera.ia.net>
Source record: 203335

I am looking for a Lowe HF-150 for around $350.
If you would like to sell me one please call ar email to:

Jack

319-378-9852
kovar@ia.net

285. Re: *** Manuals For Sale *** - manuals.doc [01/01]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4k2cf0$aaq@crash.microserve.net>
Source record: 203336

Posted to the wrong group, UUE encoded and formatted in Word 6.0 . . .

Oh well, at least it's not in German. ;)

73,
Jack WB3U

286. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDpDFEq.5B6@netcom.com>
Source record: 203337
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Rob M. (nrj@cdx.net) wrote:
: bobclary@baldcom.net (Bob Clary) wrote:

: >slwork@netcom.com (Steve Work) wrote:

slwork@netcom.com (Steve Work) DID NOT WRITE any of this. I really don't like it when I see my name on a post I didn't write any of. Especially when no one even asked me if I agreed with any of it. Please be a little more careful and don't just randomly attribute everything, nested three levels deep to everyone you see in sight. Thanks.

: So you're teaching your eleven year old to break federal

: laws and build or operate pirate stations, (Checked the name

: of the group latel;y???

: >In my opinion, posting topics with title like the one in question to a

: >public newsgroup (especially one whose topic is clearly technical and

: >hobby oriented and not controversial in nature), is the same as going

: >to a public place like your local shopping mall and shouting those

: >words.

: >I would like to see the original writer of the topic, go to the

: >shopping mall and repeatedly shout the topic of his note and see how

: >long his free speach rights keep him from getting arrested or

: >booted...

: Depneds on the shooping mall, and anyway it sounds to the

: same as a what I hear working with various broadcast crews

: (or maybe a little tamer).

: Was Internet your first contact with the REAL world???

287. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DpDF56.4vt@netcom.com>
Source record: 203338

In article <ghansen.719.316442FE@accessone.com>,
Glenn Hansen <ghansen@accessone.com> wrote:
>In article <4jtahg$hob@uwm.edu> herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) writes:
>>Glenn Hansen (ghansen@accessone.com) wrote:
>>:
>>: I think it has more to do with being aa eighteen year old who must be bored as
>>: hell to try and get attention this way.
>>:
>>Actually, it has to do with an 18 year old who made the mistake of
>>thinking this hobby had anything to offer someone my age.
>
>Oh, so as a stereotypical teenager commonly does, you rushed into something
>you didn't understand or fully grasp.

I think it understood it clearly.

>It is odd that you didn't spend a few
>minutes tuning the bands listening and learning about the pitfalls of ham
>radio before you made the plunge. Hopefully you will learn by your mistakes
>and not have to suffer such tramatic experiences later in life becuase you
>didn't research something.

Guess I'm a stereotypical 37 years old who shares the same opinion as
the 18 year old. I've been a ham for over a year. Have listened to
HF for over 2 years. The kid is dead right.

>> Maybe I should
>>try ham radio again in 50 years when I truly have nothing better to do,
>
>Hmm. You look feel at age 68 you won't have anything better to do? If that is
>your outlook on life I would suggest assisted suicide 'cause you are certainly
>a terminal case!

You reaffirm both our opinions of HF'ers. What an OLD FART!

>>and by then you won't need to know code.
>
>......and that Nate is really you beef isn't it? It is the common thread in
>all your postings and replies on this subject. For whatever reason you are
>unable to handle code. Quit making excuses in the form of complaints, it shows
>a real lack of maturity. Everything isn't always going to be given to you in
>life.

You old farts seem to think learning code endows one to some status.
I see it as no more than learning how to type. Exact same type of process
of learning, but typing is much more useful.

[I type at 60wpm, copy code at 10wpm]

288. FS: Kenwood compact TS-50s + AT50 in box

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Andres Martinez <martine4@198.4.75.49>
Message-ID: <3164F0BF.76BB@198.4.75.49>
Source record: 203339

I have a Kenwood TS-50 plus its antenna tunner AT-50 for sale starting
today, $1100. Need money to buy a house.

Because I live in an apartment I have not been able to set up my antenna
R7 which I'm also selling for $280.

Only used it 2 times for testing, Mint condition.
I'm a computer engineer and I can assure you this radio is mint!
I have boxes and manuals for every gear, and antenna.

First person with a check keeps it.
phone (713) 597-9087 Houston, TX
name: Andres Martinez, W5/YV5-KRI

289. Re: Kenwood th-79a Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-0504960006580001@204.29.16.70>
Source record: 203340

In article <kham-0404962144010001@204.29.16.48>, kham@halcyon.com (David A. Kay) wrote:

> In article <315EBFE7.2104@iconn.net>, Rich Papa <richpapa@iconn.net> wrote:
>
> > I have noticed that recently, when I first switch on my unit, the LCD
> > display, when I press the PTT key, will fade by around 50%. This will
> > last for around 3-5 short transmissions (usually 5 seconds or less).
> > After that the LCD display seems to no longer fade when transmitting.
> > Has anyone else had any similar experience.
> >
> > Rich
> > N1VAJ
>
>
> I also suspect that the problem is low battery, since every time a
> battery has gone dead that is exactly what happens to the illuminated
> display.
>
> 73', Dave

Sorry, it's late. On second thought, when the PTT is pressed and the display starts to fade, that is the END. No more battery life. If you're getting normal operation after this I'd send it back to Kennwood.

Dave

290. CANADA'S NEWEST KENWOOD DEALER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: collings@cyberspc.mb.ca
Message-ID: <4k2l04$9vf@mars.cyberspc.mb.ca>
Source record: 203341

Canada's newest Authorized Kenwood Amateur Radio dealer is Comtelco Electronics, located in
Winnipeg, Manitoba.

Contact them via e-mail at : Comtelco@cyberspc.mb.ca for special pricing on selected Kenwood
Amateur radio products.
They are also an authorized dealer for MFJ amateur radio accessories.

73's
Fred Collings
VE4 TRO

291. NEW KENWOOD DEALER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: collings@cyberspc.mb.ca
Message-ID: <4k2m9n$9vf@mars.cyberspc.mb.ca>
Source record: 203342

Canada's newest Authorized Kenwood Amateur Radio dealer is Comtelco Electronics, located in
Winnipeg, Manitoba.

Contact them via e-mail at : Comtelco@cyberspc.mb.ca for special pricing on selected Kenwood
Amateur radio products.
They are also an authorized dealer for MFJ amateur radio accessories.

73's
Fred Collings
VE4 TRO

292. Wanted:Transverters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Bootlegger@msn.com
Message-ID: <00001fed+00003203@msn.com>
Source record: 203343

Wanted:

Transverters to be used with my Yaesu FT-1000MP.
I am looking for any FTV-107R or FTV-707 transverters
or anything that will put me on 6 meters, 2 meters or
70 centimeters. I would also like to find any Microwave
Modules transverters that I could use too. Any suggestions
for 6 meters would be appreciated too. Contact Bob N9MSS
at (618)939-7581 or e-mail at Bootlegger@msn.com

73 de N9MSS Bob

293. Re: Need Ten Tec model

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4k2vec$17r6@cheatum.frontiernet.net>
Source record: 203344

jstroppe@uhl.uiowa.edu (John Stroppel) wrote:

>Anyone out there know of a Ten Tec amp unit used with a QRP rig to
>get 50 to 100 watts out. If so what was the model #. Thanks

>John WA0VYZ
>
>--
> John Stroppel | Internet: jstroppe@uhl.uiowa.edu
> The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
> Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
> Iowa City, IA 52242 | Fax: (319) 335-4555
John, They made a 50W amp to complete the 509 Argonaut QRP rig
station, and I think that there were other versions to go with the
later QRP rigs, not positive on the model # . 73, Bill

294. Re: Need Ten Tec model

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DpDytK.9t2@iglou.com>
Source record: 203345

Model 405. 50 watts out for about 2.5w input. Switching done automatically
via RF sensor which activates relay. Runs on 12vdc. Woodgrain cabinet
matched the Argonaught 509 etc.

John Stroppel (jstroppe@uhl.uiowa.edu) wrote:
: Anyone out there know of a Ten Tec amp unit used with a QRP rig to
: get 50 to 100 watts out. If so what was the model #. Thanks

: John WA0VYZ
:
: --
: John Stroppel | Internet: jstroppe@uhl.uiowa.edu
: The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
: Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
: Iowa City, IA 52242 | Fax: (319) 335-4555

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

295. The Perfect CW Station

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Greg Limeberry <glimeber@mail.tima.com>
Message-ID: <4k34h2$p8s@gretle.intersource.com>
Source record: 203346

Greetings to the group and help from experienced operators:

Am a relative newbie and am wanting to set up the perfect (or as close to it as possible) CW station. What types of equipment would you suggest? I've thought about the Omni VI. Comments? What other types of equipments - including antennas? I appreciate being able to access the wise counsel of this group.

Thanks in advance

Greg

296. Re: Kenwood th-79a Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-0404962144010001@204.29.16.48>
Source record: 203347

In article <315EBFE7.2104@iconn.net>, Rich Papa <richpapa@iconn.net> wrote:

> I have noticed that recently, when I first switch on my unit, the LCD
> display, when I press the PTT key, will fade by around 50%. This will
> last for around 3-5 short transmissions (usually 5 seconds or less).
> After that the LCD display seems to no longer fade when transmitting.
> Has anyone else had any similar experience.
>
> Rich
> N1VAJ

I also suspect that the problem is low battery, since every time a
battery has gone dead that is exactly what happens to the illuminated
display.

73', Dave

297. Re: Hasn't the "HF Sucks" thread wasted enough time?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: moore@I_should_put_my_domain_in_etc_NNTP_INEWS_DOMAIN
Message-ID: <4k374q$c43@mozz.unh.edu>
Source record: 203348

> Can't we kill this thread (or let it die) yet?

Yes, that's why I added it to my kill file!

-Drew

298. Re: How to setup an dual computerlink via radio. Is it possible ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4k378e$c0o@newsbf02.news.aol.com>
Source record: 203349

In article <4k1asd$gkm@news.onramp.net>, Bob Winingham <kc5ejk@onramp.net>
writes:

>
>I think you will be very surprised to know
>how VERY slow Electrons move through copper.ie
>from one end to the other. and if using AC they NEVER make it. :-)
>---
>That DARN power compamy, selling me the SAME electrons month
>after month.
>
>73

That's why I wired in a group of relays. I have them timed to move
sections of wire along the same direction as the electron flow.

It's sorta like picking up part of the river in a barge and transporting
it downstream on a very fast jet.

If you zig zag a number 8 wire (the electrons move real slow in it) and
keep the relays close together, you can really speed up the electrons.
When I get em going really fast I feed them into a wire with a gradual
taper and that accelerates em like a hose nozzel.

After they're going fast, I shoot em up my feedline. That's better than
having em just sitting there jiggling around.

299. Anybody have an IC-2000H???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: bumologist@usa.pipeline.com
Message-ID: <4k3880$72a@news1.h1.usa.pipeline.com>
Source record: 203350
Cross-posted to: rec.radio.amateur.equipment,

Anybody out there have an Icom Ic2000H?If you do,are you having a problem with intermod.I had a Yaesu FT2400 and it was much better.Icom claims in the ad "Highly Intermod Resistant".Compared to what?My Bearcat 9000 is better than the 2000 is by far.Anybody else having problems???Thanks..
--

Bumologist....
BARRY FELSTEIN N8PVX

300. FS: ICOM IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: davef@radiozone.com
Message-ID: <4k3ag4$av4@falcon.ns.net>
Source record: 203351

IC-706 w/250 hz CW filter, uninstalled high stab osc, standard acc's, box, manual. Great shape. Paid almost $1400 with the extras, will sell to first $1100, shipped. No COD's. Leave e-mail or call 916-991-7014.

Dave Fortenberry

301. IC-720A RX Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: jls@tminet.com
Message-ID: <4k3cg1$id6@voyager.iii.org.tw>
Source record: 203352

The receiver in my 720A quits below 1.6mhz. No bandpass filter change should occur here so it must be something else. Any ideas?

Thanks all,

Jeff

302. WTB: CHEAP CHEAP TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4k3dpo$e5i@newsbf02.news.aol.com>
Source record: 203353

I am looking for a CHEAP CHEAP tnc for only receive. I don't care if
nothing else
works on it..but, as log as it receives and can translate Packet I will
buy it! I run
a DX/Node out here and want to MONITOR my user frequency. So, if you have
something real cheap let me know....

Thanks N9MXT1 - Jeffrey

303. HF Selective Call

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: gleizero@gate.net
Message-ID: <gleizero.10.000AB14A@gate.net>
Source record: 203354

```
HF-SSB Selective Call Units.
Brand new in the box.
Compatible with any SSB radio.
Excellent performance in poor S/N environments.
Ackback and Busy modes of operation.

Price: $99 each

Gus Leizerovich
gleizero@gate.net
```

304. Need help with high SWR problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Ron Thompson <ron.thompson@bglobal.com>
Message-ID: <4k3dk9$5mg@lambchop>
Source record: 203355

I have a mobile 2M 50W radio I am using as a base rig.
It runs off of a 20A power supply, and feeds a 75 foot
piece of RG-213 connected to a Cushman Ringo Ranger II
7db gain antenna.

When I adjusted the tuning rod, my SWR meter was hooked
up near the radio. I got the SWR down to 1.1:1, but the
indicated forward RF power was 120 Watts. This radio
only puts out 50 Watts.

In use, the radio can recieve another 50W radio, but
cannot transmit to it very far. This indicates to me
that all the power is not getting out.

I then moved the SWR meter to the antenna end of the
feedline, and took another reading. The SWR was
over 8:1, and the indicated RF power was about 50 Watts.

I unscrewed the shield from the feedline on receive to
see if there was a short, but the signal dropped. I
also used a multimeter to check for a short between the
shield and the center wire, and it is OK.

This is the second antenna I have tried, since I thought
something was wrong with the first one. Same thing
with both antennas, so I can rule that out.

I'm stumped. HELP!

Please e-mail reply as well as posting.

KE6AGC
Ron Thompson
ron.thompson@bglobal.com

305. recommendations for VHF matchbox?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: mikegem@aol.com
Message-ID: <mikegem-0504960835120001@diamonds.batnet.com>
Source record: 203356

I'd like recommendations for a VHF (144MHz) matchbox. Need at least 300 w CW power capability & a broad impedance matching range. Any suggestions as to who makes a good unit? Thanks very much.

Michael Pinneo

306. FT-1000D AM Receiver Distortion

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.960405121409.19304D-100000@cais3.cais.com>
Source record: 203357

For a few minutes after it's turned on, the Audio is distorted. Also hear a few squeals as I tune across the AM signal, in the AM mode of course. A friend of mine has the same problem with his. Anyone know how to fix this without going through Yaesu assistance?

307. Re: Best Ouboard DSP Unit ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4k3khn$f5@whidbey.whidbey.com>
Source record: 203358

Kenwood DSP-100 fer $299 at AES!!!

P.S. If'n he runs Kenwood???

subbustr@whidbey.net

308. WTB:8873/8874/8875 TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: rh3333@aol.com
Message-ID: <4k3lg7$gsi@newsbf02.news.aol.com>
Source record: 203359

Am looking to purchase new Eimac 8873, 8874, and 8875
Please Email me with availability and cost.
RH3333@aol.com

309. FS -- DRAKE C-LINE STATION

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Apr5.092647.117177@kuhub.cc.ukans.edu>
Source record: 203360

:::::::::::::: DRAKE C-LINE STATION ::::::::::::::::

BASIC PACKAGE:

* R-4C Receiver (serial # 16320)
* T-4XC Transmitter (serial # 20489)
* MS-4 Speaker
* AC-4 Power Supply

INCLUDED EQUIPMENT & ACCESSORIES:

* Crystals for WARC, WWV, etc.

* CW filters -- 250 Hz + 500 Hz

* Owner's manuals --
Excellent condition, no underlining, no torn
pages, and no coffee stains.

* Original connecting cables in mint condition.

DETAILS:

* All units are in excellent, near-mint condition.

* R-4C recently aligned by Drake at their
Franklin, Ohio facility.

* NO dents!

* NO stains!

* Absolutely original condition. NO mods!

* Know defects:

o Missing cover for the accessory crystal sockets at
the rear of the R-4C.

o Finals a bit weak on the upper freqs.

::

Asking $575 + shipping.

Please e-mail with offer or request for additional details.

73s

Bill Worthington
AA4FM/0

Eudora, Kansas, USA

310. Re: Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-05 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <4k3luh$4cf@solaris.cc.vt.edu>
Source record: 203361

In article <316366c5.938969@news.bihs.net>, kc5afm@fais.net (J.W. Wolfington) says:
>
>On 4 Apr 1996 13:07:57 GMT, rpickeri@loyalistc.on.ca (Robin Pickering)
>wrote:
>
>>I would like to know if a cell phone can be altered so as to change the pll
>>frequencies to get it to opperate in the 2m range.
>>I know cells opperate at about around 900mhz, with an IF around 40mhz.
>>
>>Can a cell be re programed (along with a xtal change with the pll ref
>>signal) so as to get it to opperate as a 2m ham radio?
>>
>>I know a pll can be set to different ranges by a xtal change and different
>>modulus numbers; however what conserns me are all the tuned circuits in the
>>intial RF input and the output stage. If it can be done by reprogram the
>>eprom in the phone and a few simple component changes I'd shure like to take
>>a crak at it.
>>
>>Please respond with any ideas or advice you can give!
>>Thanks
>>
>>
>
>
>
>Boy, did this guy just fall off the turnip truck today? Or was he
>born yesterday? What a stupid question!
>
There aren't any stupid questions, just stupid answers. The original poster exhibited quite a bit more knowledge about what goes on inside a cell phone than many people you'll hear on the air or read here. With quite a few of the older trunk-mounted cellphones showing up surplus for very low prices, it is a natural question to ask if they can be used for ham radio. They are also usually very solidly built (for consumer products anyway).

The short answer is that it isn't practical to try and convert a cellphone for 2m use. The oscillators, front end, and power amplifer would all need to be replaced. Only the IF and synthesizer sections would be of much use, and the bandwidth of the IF is 30 KHz, not the 12 or so that is usually used for narrow-band FM in the 2m band. (Back when cellular was first designed, it was decided to trade wider bandwidth for better voice quality. The 800 MHz band seemed infinite).

The band to try and convert to would be 902-928 MHz. But this is complicated by the phone's design for full duplex (receiver operates 870-895 MHz, transmitter always exactly 45 MHz lower). There is a duplexer that combines the two to the antenna terminal, this part is probably only useful for the cellular band so it would need to be removed. In some cases there are separate transmit and receive oscillators, in others the transmitter oscillator is the LO for the receiver. The receiver willprobalby tweak up to the low to middle portion of the 900 MHz band, butthe transmitter may not work very well there. Since there isn't 45 MHz of space there for full-duplex operation, the single-oscillator design will have to retune 45 MHz between transmit and receive.

The control logic would have to be redone as well, since it won't do anything without instructions from the cell site. It is fairly straightforward for testing purposes to load the PLL chip directly from a port on a PC. Usually the PLL setup is general-purpose enough that changing the crystal is not required.

If the decision is made to scrap it rather than put it on the air, there are some interesting, educational, and useful parts inside a cellphone. The PLL section is usually a "textbook example" already built with good stable components. The IF section is wideband enough for 19.2 Kbaud FSK, and a data seperator is included (cellular control data is Manchester coded at 10 Kbps). The audio path contains a 2:1 compressor and expander as well as tight 3 KHz active filters. These may be useful as part of other homebrew radios.

-Mike KD4QDM

311. Re: Hasn't the "HF Sucks" thread wasted enough time?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <4k5u6u$7kv@newsbf02.news.aol.com>
Source record: 203212

In article <4k374q$c43@mozz.unh.edu>,
moore@I_should_put_my_domain_in_etc_NNTP_INEWS_DOMAIN (Andrew M. Moore)
writes:

>> Can't we kill this thread (or let it die) yet?
>
>Yes, that's why I added it to my kill file!

Just proves that too many people have far too much time on thier hands

Pat

312. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4k5rmr$frl@news02.deltanet.com>
Source record: 203213
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Bob Clary (bobclary@baldcom.net) penned:
: nrj@cdx.net (Rob M.) wrote:
: Rob,

: >So you're teaching your eleven year old to break federal

: >laws and build or operate pirate stations, (Checked the name

: >of the group latel;y???

: I didn't write the part about the 11 year old.

: The message was posted in ALT.RADIO.SCANNERS also and, I think the
: person who cross posted his reply to ALT.PIRATE.RADIO may have done so
: by mistake, I did the same thing.

: I didn't respond to your mail, because there was little to respond to.
: I received a couple other mail messages from other folks who disagreed
: with me, the others had points worthy of discussion and I responded to
: them. While we disagreed we had mature and rational discourse on the
: topic, and in one case some useful and freindly interaction on another
: topic.

: I'm only responding to your silly sarcasm here, because when I didn't
: respond to the mail that you sent me, you had the bad tast to push the
: issue and repost what you sent me in private to this public forumn.

So he did it to you (Bob Clary) too? Welcome to the club!

As for you, Rob M., I'm sick and tired of your dissing. The three emails
that you sent me went to the trash can before I read them. If you have
anything further to say, post it here, or save your breath!

I agree with the following paragraph 100 percent! I suggest that others
do the same, and discard his unread email.

: >Was Internet your first contact with the REAL world???

: I have had lots of contact with the real world, and the internet is
: not it. Sad that you think it's the real world. The tone and style of
: your messages suggests to me that you need more real world face to
: face interaction with people.

: ---------------------
: Bob Clary
: Enterprise Consulting

: bobclary@baldcom.net
: ----------

--
#======P=G=P==k=e=y==a=v=a=i=l=a=b=l=e==u=p=o=n==r=e=q=u=e=s=t======#
John Lundgren - Elec Tech - Info Tech Svcs.	jlundgre@
Rancho Santiago Community College District	deltanet.com
17th St at Bristol \ Santa Ana, CA 92706	http://rsc.rancho
My opinions are my own, and not my employer's.	.cc.ca.us
Most FAQs are available through Thomas Fine's WWW FAQ archive:
http://www.cis.ohio-state.edu:80/hypertext/faq/usenet/FAQ-List.html
"You can flame your brains out -- it won't take long."
#===T=u=z=l=a==C=o=m=p=a=n=y=.=.===t=h=r=e=e='=s==L=e==C=r=o=w=d=!==#

313. FS: IC-22A 2meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: ZYSA98A@prodigy.com
Message-ID: <4k5uff$2bio@usenetw1.news.prodigy.com>
Source record: 203214

For Sale ICOM 22A 2meter radio with crystals.
Works fine ... $35.00 plus shipping.

-
BILL ZYSA98A@prodigy.com
KB9ACI

314. Icom 706 Mods Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: markelvin@aol.com
Message-ID: <4k5vb0$7u5@newsbf02.news.aol.com>
Source record: 203215

Can anyone assist with a mod for an ICOM 706.

I am hoping to extend operation to enable transmission on HF, particularly shipping bands.

Any help or suggestions would be appreciated.

315. FS: HR2600 10 meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: ZYSA98A@prodigy.com
Message-ID: <4k5ve5$1a4g@usenetw1.news.prodigy.com>
Source record: 203216

For Sale President HR2600 25watt 10 meter transceiver mobile radio, like new condition, works fine $100.00 plus S&h.
-
BILL ZYSA98A@prodigy.com
KB9ACI

316. Mod for YAESU FT 3000?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: rms514@aol.com
Message-ID: <4k5vio$80j@newsbf02.news.aol.com>
Source record: 203217

I am looking for the mod or mods for this new radio.
There are none in the latest edition of the Artsci book.
Any information would be greatly appreciated.

Thanks Steve

317. Dual Band Mobiles..which one..any coments, good or bad

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: scottmalm@aol.com
Message-ID: <4k600j$83j@newsbf02.news.aol.com>
Source record: 203218

I am going to purchase a dual band mobile rig. I would like to hear any comments, good and bad from anyone who cares to make recommendations.
Thank You!
73's
Scott,
KB7RLY
Scott Malm

318. Re: Icom 720A RX problem again

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: jls@tminet.com
Message-ID: <4k60q8$md@voyager.iii.org.tw>
Source record: 203219

jls@netcom.com (Jeff Strailey) wrote:

>The receiver in my 720A quits below 1.6 mhz. This doees not appear to be
>a bandpass filter problem. Any ideas?

>Thanks...

>Jeff
>--
> jls@netcom.com

Found out what I was doing wrong. Thanks all

Jeff KG6UC

319. Re: Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: grizzarv@indirect.com
Message-ID: <4k6084$chv@globe.indirect.com>
Source record: 203220

J.W. Wolfington (kc5afm@fais.net) wrote:
: On 4 Apr 1996 13:07:57 GMT, rpickeri@loyalistc.on.ca (Robin Pickering)
: wrote:

: >I would like to know if a cell phone can be altered so as to change the pll
: >frequencies to get it to opperate in the 2m range.
: >I know cells opperate at about around 900mhz, with an IF around 40mhz.
: >
: >Can a cell be re programed (along with a xtal change with the pll ref
: >signal) so as to get it to opperate as a 2m ham radio?
: >
: >I know a pll can be set to different ranges by a xtal change and different
: >modulus numbers; however what conserns me are all the tuned circuits in the
: >intial RF input and the output stage. If it can be done by reprogram the
: >eprom in the phone and a few simple component changes I'd shure like to take
: >a crak at it.
: >
: >Please respond with any ideas or advice you can give!
: >Thanks
: >
: >

: Boy, did this guy just fall off the turnip truck today? Or was he
: born yesterday? What a stupid question!

Perfect opportunity to educate him and you slagged him. What a wizard
you are, J.W.

Robin, the biggest problem you're going to run into isn't reprogramming
the PLL in the cell phone to work in the 2 meter band. You'll virtually
have to re-engineer the phone to make it work. All the tuned circuits in
the transmitter and the receiver up to the first mixer are at 800 MHz and
the transistors and ICs are designed to work at that frequency as well.
Cell phones also have control mechanisms tied into the PLL that'll have
to be converted so the radio doesn't start looking for the new cell site
when the SNR drops. You'll also have to add some basic controls such as
volume and squelch and frequency select. In the short run - and long
run, for that matter - you'd be better off buying a new or good used two
meter rig instead of converting a cell phone.

de kg7yy

+-+-+-
NOTICE

Unsolicited commercial E-mail sent to this account will be processed at the rates of USD 600 for the first page and USD 100 for each additional page. Receipt of said mail will denote acceptance of these terms.

320. Help on Service Monitor Recommendations!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: KMAGLOUGHLIN@delphi.com
Message-ID: <4k68ov$q2p@news1.delphi.com>
Source record: 203221

>From: gary@ke4zv.atl.ga.us (Gary Coffman)
>Subject: Re: Help on Service Monitor Recommendations!
>Message-ID: <1996Apr5.233817.15632@ke4zv.atl.ga.us>
>Reply-To: gary@ke4zv.atl.ga.us (Gary Coffman)
>Organization: Destructive Testing Systems
>References: <4jvhc0$6d1@cville-srv.wam.umd.edu>
>Date: Fri, 5 Apr 1996 23:38:17 GMT
>Lines: 29
>In article <4jvhc0$6d1@cville-srv.wam.umd.edu> ham@w3eax.umd.edu
>(Scott Rosenfeld NF3I) writes: >The radio club is looking for a NEW
>service monitor. >
>>Spending $5,000 or so, what do you recommend???
>Saving up lots more money. :-)
>There aren't any good NEW service monitors for $5,000. The
>cheapest NEW service monitor that's worth owning is $9,000,
>the IFR500A, and the better ones run twice that.
>You could get a *used* IFR1200 though. And that would be
>a great instrument. I've seen them for sale for as little
>as $3,500 to $4,000. Spend another $750 to have it checked,
>calibrated, and certified by the IFR factory, and you'll
>have a real gem. Not as nice as a new IFR1500 with tracking
>generator, of course, but still a fine instrument, and not
>$18,000 either.
>Of course a Motorola 2001 could be made to suffice in a pinch
>too, but you *won't* want to carry it to the repeater site.
>It's bulky and heavy, yet fragile.
>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider
>problems Destructive Testing Systems | we break it. | with
>previous uucp addresses 534 Shannon Way | Guaranteed!
>| Email to ke4zv@radio.org Lawrenceville, GA 30244 |
>| .

Many of us out here in the business have carried the 2001 to sites for years. I personally own one and have taken it on aircraft, on snowmobile and hand carried it to the customer's equipment with no trouble at all. Now it must be said there are several flavors of the 2001 and they all weigh a little less as the product got newer. A 2001-A model was the first one to be introduced and is the heaviest. It also was originally equipped with a Magnavox CRT that did not have the life span of the later replacement Telefunken CRT.

The 2001-B has a redesigned power supply which knocked off a couple of pounds but was still fairly much the same monitor. Some of the other internals

were redesigned and made to work a little better.

The 2001-C model was where other options started to be added and I didn't do much with those, but the last time I checked, they were still supported by Motorola Test Equipment Repair.

The 2001-D model was, it could be said, a concept redesign. The handle was placed on the side, several pounds additionally were knocked off the total weight, several features added such as DTMF decode, paging decode, DPL decode and others. The CRT has always been sharp and bright since the Telefunken tube was made standard. I am not going to talk about the trunking or cellular options.

One really important factor about the Motorola product is its RF integrety. The 2001 is really RF tight. That is extremely important when field tuning a duplexer on a customer's site. Most of us don't have the funding to purchase a H/P tracking generator or related equipment so we have to use our trusty service monitors and our skill as technicians (not to mention knowing how to read the manufacturer's directions instead of thinking were smarter than the people who designed the duplexer in the first place) to get the job done. I would take the Motorola line of monitors, hands down, over any IFR product because the units I worked with leak too much. Specifically the 1000A and the 1200 come to mind. The RF output of the 2001 is also right up there at, or just beyond, 1 RF volt. This is important when dealing with cavity transmitter combiners or anything that needs to have some punch applied.

Functionally the 2001 is layed out better. It makes sense. If I need a function, I can find it. The CRT is nice and big so I can see it without needing a microscope.

I really think this club's funding should be put toward a Motorola product. It will not just "suffice", but will be a hard core, heavy duty, long lived piece of equipment that should last for years to come. Of the 2001ABCD units I have worked with, they may be a bit heavy depending upon what you end up with, but they don't break any more than any other test equipment when properly taken care of. As for the weight, I always did say, this hobby was not for wimps.

Kevin KA0JQO

The only that stays the same is change. - Melissa Etheredge

321. FS 1948 ARRL Handbook

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: ZYSA98A@prodigy.com
Message-ID: <4k66k1$24ra@usenetw1.news.prodigy.com>
Source record: 203222

1948 Radio Amateur's Handbook $30.00 plus S&h good shape.
-
BILL ZYSA98A@prodigy.com
KB9ACI

322. 950SDX for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: OscarJ@ix.netcom.com
Message-ID: <3165d8e9.458523622@nntp.ix.netcom.com>
Source record: 203223

Like new Kenwood 950SDX for sale.

OscarJ@ix.netcom.com
N77ET
KB4HAM

323. Kenwood 922 Amp FS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: OscarJ@ix.netcom.com
Message-ID: <3165d924.458583188@nntp.ix.netcom.com>
Source record: 203224

Kenwood 922 Linear for sale. Excellent shape. Best offer.
OscarJ@ix.netcom.com
N77ET
KB4HAM

324. FS: >> ICOM 781 << check this !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: iancamp@io.org
Message-ID: <4k6ejq$g32@news1.io.org>
Source record: 203225

For anyone who has always wanted a ICOM-781 but couldn't afford it.. read on!

I have a mint (yes, mint) 781 for sale.
I bought it new and have been the only owner.
I don't smoke and the rig is immaculate.

It comes with ALL the manuals including the complete service manual I bought.
This thing has always been pampered. I even keep a soft make-up brush beside
the rig and dust it all the time.

It comes with a replacement CRT unit in case the existing one should ever go.
I planned on keeping this rig for a long time so I bought the replacement CRT
unit just in case. It is still in the ICOM box (yes, it's expensive).

The list goes on....

Please E-mail me only if you are really serious and you can appreciate what
this rig is. If you have dreamed of this rig (as I did), then this is the
deal of a life time.

E-mail me at: iancamp@io.org OR iancamp@interlog.com

Ian Campbell VA3IC
Toronto

325. Re: FS: >> ICOM 781 << check this !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: iancamp@io.org
Message-ID: <4k6fro$hum@news1.io.org>
Source record: 203226

In article <4k6ejq$g32@news1.io.org>, iancamp@io.org says...
>
>For anyone who has always wanted a ICOM-781 but couldn't afford it.. read on!
>
>I have a mint (yes, mint) 781 for sale.
>
>E-mail me at: iancamp@io.org OR iancamp@interlog.com
>
>Ian Campbell VA3IC
>Toronto
>

Just an additional clarification....
When I said (yes, it's expensive) I meant the CRT unit that comes with the
781... not the offer for sale..

I'm asking about $6500 for it but I'll talk to any serious offers.

Thanks again,

Ian Campbell (VA3IC)
iancamp@io.org
iancamp@interlog.com

326. Charging sealed lead-acid batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: Scott Macmillan <scott@golfmike.demon.co.uk>
Message-ID: <FWIEyBAKCsZxEw00@golfmike.demon.co.uk>
Source record: 203227

Hello, and thanks for reading this.

I just bought a 12V 12Ah sealed lead-acid battery at a rally.

My problem is I dont have the special charger required to charge it.
I know that these batteries require a constant voltage charge of 2.4 to
2.5 volts per cell (14.4 to 15 volts for a 12V battery), and I was
wondering
if I could use my PSU to charge this battery.

My PSU is a Manson EP-925, which has a variable voltage output between
5 and 15 volts, but no control of the current output (25 Amps max).
Is there any need to limit the current output, and if so, how can this
be done.

The only charger unit I have seen for these batteries was in Maplin
Electronics,
but it was only suitable for batteries upto 6Ah, (or so it said in their
catalogue)
and it was 35 quid - more than double the cost of the battery.
Yes, we Scotsmen hate parting with our hard earned cash.

Thanks again for your time.

--
Best 73's
DE Scott - GM7OMU
Glasgow, IO75tv.

327. GMRS Repeater Linking ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: MKWS78A@prodigy.com
Message-ID: <4k6lif$1218@useneta1.news.prodigy.com>
Source record: 203228

Is it legal to Link GMRS repeaters? I so how would you link them when
your only assigned UHF frequencies. Unlike Ham bands you can link
VHF to UHF . Any help appreciated.
-
Bill MKWS78A@prodigy.com

328. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: paul1@news.sfu.ca
Message-ID: <4k6mcv$d41@morgoth.sfu.ca>
Source record: 203229

herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) writes:

>Kevin Muenzler (muenzlerk@uthscsa.EDU) wrote:

>: But then maybe you don't want a challenge, you might just want
>: it handed to you like the last line of your comment suggests.
>: Although it probably isn't your fault that you want things handed
>: to you. Maybe you were brought up that way, expecting things
>: to be handed to you, not having to work for anything. Have your

>Methinks not. I wouldn't upgrade if I could send code str8key at 20000wpm.
>I am saying that hf is LAME! Why would I want to be a part of it? I will
>upgrade when I am 65+, and have nothing better to do. You may think that
>everyone who doesn't upgrade is a lazy devil, and will not take the time
>to learn to copy code... The problem is that I have much more important
>things to do than sit in my basement & play with radios. I got the wrong
>impression of ham radio, and that's why I got into it. I like
>electronics, and all that jazz, but there is noone to talk to on HF that
>talks about anything besides radios, etc. When I call someone on the
>phone, we don't talk about what kind of telephone we are using.... same
>thing. I am sick of hearing about everyones radio. (and all other boring
>ragchew crap.) I listen to HF ALOT, and have worked alot too. I have
>never heard anyone talk about Music, or Society, or anything interesting.

Hi Nate,

If you don't like something, try to make it better. If you ever hear me
on, would love to talk about music etc. Let's get a group going and
light a match rather than curse the darkness..

cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

>I have my opinions, you have yours. The difference is that I don't
>automatically think my ideas are superior just because they are mine. I
>am glad you like HF, but I DONT! (And I was half-hoping I could be
>convinced otherwise before I totally gave up on Ham Radio.)

>Nate.

329. Tm 251 in 800 MHZ band ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: jaime@mandic.com.br
Message-ID: <4k6i61$75j@grande.dcc.unicamp.br>
Source record: 203230

Please ,anybody knows how i can receive 800 MHz band (cellular)
in a Kenwood TM 251 ???

any reply I will be wondered ....

Thanks , my E-Mail is jaime@mandic.com.br

330. Source For DTMF Audio Squelch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: nbb@us.net
Message-ID: <nbb.1.0BC1787E@us.net>
Source record: 203231

Could someone please direct me to a source to buy an add-on for the
audio output of a two-meter radio to give it DTMF (touch tone) tone squelch.
I have an old Kenwood TS-711A that I want to add squelch to so that the audio
will only become active when the proper tone code is received.
I would appreciate a copy of any replies sent directly to my email address
as well as to this news group, as the feed from my internet provider is not
fully dependable. Thanks.
Norman W3FYH

331. Match Box Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: Jim Van Scoy <hawkeye@televar.com>
Message-ID: <3166E87E.56F6@televar.com>
Source record: 203232

I want to buy a Johnson Match Box antenna tuner, either the 275 watt or the 1000 watt version. Must be in very good operating condition.

Regards, Jim

332. ICOM R-9000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: mentor@mail.cin.net
Message-ID: <4k6r5d$ime@news.cin.net>
Source record: 203233

I am looking to buy an ICOM R-9000 receiver in mint condition or better. Please respond to:

Jim mentor@cin.net (815) 939-2006

Thanks!

333. Amp Supply - HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: Rick Johnson <rick@halls.com>
Message-ID: <3166F173.4E8A@halls.com>
Source record: 203234

HELP !
I have found an Amplifier within some auction stuff and I need some
information.
It is an Amp Supply LK 800 ISM. The tech guys at Amateur Elect Supply
in Cleveland
helped a lot but I need to know some more details. It has WARC bands
indicated on the
band switch, so it's not ancient. Does anyone know ---
What minimum power to drive ?
Does anyone have / have source for a schematic ? Owner's Manual ?
Know amp draw @ 220v. ?
Is Amp Supply deceased ? I know it used to be Dentron in NC.

Any help is appreciated .
Rick N8HUJ
rick@halls.com

334. Fix your Radioshack DX-390 yourself.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: kovar@zeus.ia.net
Message-ID: <4k70bg$26q@hera.ia.net>
Source record: 203235

Is you DX-390 receiver dead or very poor sensitivity on AM?
The FM section works great?
I just fixed mine for $1.39.
I blew out the front end with a static charge into the antenna.
I replaced one part and it works better then before with ECG
replacement part.

Let me know if you have had this problem and I will hel you fix
it and also suggest a mod to protect the front end failures.
Less than TWO BUCKS TOTAL one phillips screw driver to get radio
opened up.
Jack Kovar
kovar@ia.net

335. TH-26 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: n5off@aol.com
Message-ID: <4k774d$l2d@newsbf02.news.aol.com>
Source record: 203236

A ham in Europe contacted me for info on mods to the TH-26 HT. I've got no info on this.

Does anyone have the mod info for TH-26.

Thanks
Tom
Tom Marcotte
N5OFF@aol.com
n5off%w5ddl.aara.org@usl.edu
Lafayette, LA, USA
Home of the University of Louisiana at Lafayette
Ragin Cajuns

336. FS Sony CRF-330K 33 band portable w/recorder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: tzin@eden.com
Message-ID: <tzin-0604961949070001@net-3-124.austin.eden.com>
Source record: 203237

This is about a 1983 model in perfect working condition. FM/SW/MW/LW,
operates on D Batteries or include cigarette adoptor or ac. Best offer

337. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: teacherjh@aol.com
Message-ID: <4k7go6$ocs@newsbf02.news.aol.com>
Source record: 203238

Radios are designed to operate in =all= the bands for which they may be legal in any given region or configuration, so there is only one basic design, and a few components will set the radio up for whatever bandwidth is needed for the application.

Any licensed ham can modify a radio and then use it in the ham bands. However, there are some bands (such as aviation) where the radio must be "type certified" by the FAA, and a modification will void that type certification. With such a radio, it would be illegal to transmit on any frequency other than the ham bands, no matter what other licenses you have... unless you get the radio re-type-certified. (an expensive proposition, as I understand)

Jose KD1SB

338. Re: More on FT-530 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr6.183149.19137@ke4zv.atl.ga.us>
Source record: 203239

In article <31657ACA.2778@lan.nsc.com> fifield@lan.nsc.com writes:
>
>I have a brand new FT-530. I did the "green wire" mod. It does NOT
>receive on the 800 to 950 MHz band.
>
>A friend of mine also has an FT-530 that he bought last year. He also
>did the "green wire" mod. His radio DOES receive stuff on 800 to 900
>MHz.
>
>Both radios have exactly the same schematic (I borrowed his to check).
>
>Soooooo, that leads me to believe that the ONLY difference is in the
>control module programming. Checking the circuit diagram, there is a
>signal (L1) that could control the RX front end power. Maybe this gets
>turned off? I'll check.
>
>Maybe all "we" need to do is change one of the other little links?
>Anyone found out anything else yet? Anyone got a proper service manual
>yet?

Dave, take a look at the *radio*, not the schematic. I think you'll
find the parts missing from the board that do 800-950 MHz receive.
That's how Yaesu brought it into compliance with the ECPA. There
aren't any firmware changes that I know about, the radio still
displays the frequencies, it just can't hear them because of missing
parts. If you order the parts and install them on the board, you'll
have a radio that works just like your friend's radio.

Gary
--
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Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

339. Re: Anyone replace a Lithium battery in Kenwood moble radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr6.190358.19429@ke4zv.atl.ga.us>
Source record: 203240

In article <4k49up$3ub@nnrp1.news.primenet.com> kc7mj@primenet.com (James Skjervem) writes:
>"Devon D. Snyder" <dsnyder@sparc.isl.net> wrote:
>
>>I have a Kenwood TM-231, 2M radio. Recently, when I power on the radio I lose
>>all of my memorys and other settings. I think my lithium battery is dead.
>>The instruction manual says to send it back to Kenwood to have the battery replaced.
>
>Devon: I replaced the lithium in my TM-221 2M radio (very similar to
>TM-231 I'm sure). It is located in the front panel assembly, and can
>be replaced if very careful going about it. Battery is a standard
>type, but difficult to find with the necessary tabs. I removed the
>tabs from the old battery, and VERY CAREFULLY soldered them onto a new
>battery. Other than this soldering process, it is a very simple
>disassembly process. If you need more info, I can provide it.
>
>IF YOU ARE IN THE LEAST UNSURE ABOUT DOING THIS, HAVE KENWOOD DO IT.
>SOLDERING LITHIUM BATTERIES CAN BE VERY DANGEROUS. As they say, you
>shouldn't try this at home hi hi.

You can say that again, Jim. Not only is there a chance that the
lithium battery will explode, but the heat required to solder tabs
on it can damage it. That's why the tabs are spot welded on in
factory batteries. The very brief pulse of heat used to do the
spot weld won't damage the battery. The relatively long application
of heat needed to solder on the tabs can, and often does, damage
the battery. Just soldering the tabs into the circuit, however,
doesn't expose the battery to much heat, and is relatively safe
to do. The battery can still explode, however, particularly if
you accidentally short it. Be *very* wary of grounded tip soldering
irons in this regard. You might short the battery without realizing
it, and these things can explode like a 12 gauge shotgun shell when
shorted (and I've got a circuit board with a 50 cent piece sized
hole in it to prove it).

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
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Lawrenceville, GA 30244 | |

340. Re: wireless internet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr6.194217.19665@ke4zv.atl.ga.us>
Source record: 203241

In article <4k460f$n45@comet.connix.com> dcollin@connix.com (Dennis Collin) writes:
>tculin@teleport.com (Ted Culin) wrote:
>
>>I received a copy of an article which came from the University of
>>Oregon. They have set up a wireless internet system on the University
>>(One mile coverage) using 68 repeaters positioned around the facility.
>>The computer uses an all in one modem radio with advertised speeds of
>>14.4 to 28.8. The company has set up simular systems in San
>>Francisco.
>
>>Anyone hear about this or have any details. The name of the company
>>is Metricom, Inc. and they are located in the San Jose area of
>>California (408) 399-8200. I just wounder what it would take to
>>establish a 28.8Kb link on 2m?
>
>
>A change in FCC Part 97 to start ... 28.8 kb would take up too much
>spectrum on the ham 2m band!

Ricochet is a half duplex packet system with a basic baud of 100 kb.
Net throughput is similar to that of a 28.8 kb V34 modem from the
user's perspective (at least with light network loading). It uses
SS, and thus isn't allowed on 2m.

However as a note to Dennis, don't assume that binary FSK modulation
is the only choice on 2m. Remember that a V34 28.8 kb modem operates
in only a 5 kHz bandwidth over the phone, and does that *duplex* to
boot. It does that, of course, by overloading each symbol (baud) with
multiple bits. Or put another way, there are more than 2 possible
symbols and each one represents some combination of bits. The tradeoff
Shannon requires of us in this case is a greater SNR. We must be able
to discriminate one state out of many possible states for each transmitted
symbol (baud).

Occupied bandwidth is a function of baud and modulation technique.
Using M-ary coding, we can maintain a low baud while having a high
bit per second data rate. Given the 20 kHz bandwidth allowed for
digital data on 2m, we should be able to do about 4x the bps of
a V34 modem if certain conditions are met.

We need a very good SNR, with a 40-50 db margin, and we need a
constant frequency response and phase shift on the channel. A
good SNR isn't too difficult for us to achieve, but frequency
and phase consistency is very difficult with the varying brands
of radios and modems used in amateur radio, except for the special

case of dedicated non-contending duplex links. Then the modems can train, as they do on the phone line, to deal with the frequency response and phase response of that particular pair over that particular path.

We don't usually operate that way, so we use much more bandwidth inefficient techniques to avoid the need for training and consistent frequency and phase response between disparate pieces of radio equipment operating from multiple locations over varying quality paths in a contending environment. But we don't *have* to operate that way. We *could* engineer switched radio networks that behave similarly to the telephone system, and thus take advantage of the bandwidth conserving techniques used by phone modems.

Gary
--
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Lawrenceville, GA 30244 | |

341. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDpFxK5.HIE@netcom.com>
Source record: 203242
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

```
C. Wheeler (cwheeler@ccnet.com) wrote:
: nrj@cdx.net (Rob M.) wrote:
: >bobclary@baldcom.net (Bob Clary) wrote:
: >
: >>slwork@netcom.com (Steve Work) wrote:
: >

STOP PUTTING MY NAME ON STUFF I DIDN'T WRITE!!!!!!!!!!!!!!!!!!!!!
```

342. Kenwood 950SDX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: OscarJ@ix.netcom.com
Message-ID: <3166924e.505995847@nntp.ix.netcom.com>
Source record: 203243

```
Pristine 950SDX...........hardly used.........best offer.
OscarJ@ix.netcom.com
N77ET
KB4HAM
```

343. Kenwood 922 Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: OscarJ@ix.netcom.com
Message-ID: <31669280.506046455@nntp.ix.netcom.com>
Source record: 203244

Pristine 922 amp.....best offer.
OscarJ@ix.netcom.com
N77ET
KB4HAM

344. Re: Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: root@internet.com
Message-ID: <4k4l8i$vja@ratty.wolfe.net>
Source record: 203245

kc5afm@fais.net (J.W. Wolfington) wrote:

>On 4 Apr 1996 13:07:57 GMT, rpickeri@loyalistc.on.ca (Robin Pickering)
>wrote:

>>I would like to know if a cell phone can be altered so as to change the pll
>>frequencies to get it to opperate in the 2m range.
>>I know cells opperate at about around 900mhz, with an IF around 40mhz.
>>
>>Can a cell be re programed (along with a xtal change with the pll ref
>>signal) so as to get it to opperate as a 2m ham radio?
>>
>>I know a pll can be set to different ranges by a xtal change and different
>>modulus numbers; however what conserns me are all the tuned circuits in the
>>intial RF input and the output stage. If it can be done by reprogram the
>>eprom in the phone and a few simple component changes I'd shure like to take
>>a crak at it.
>>
>>Please respond with any ideas or advice you can give!
>>Thanks
>>
>>

>Boy, did this guy just fall off the turnip truck today? Or was he
>born yesterday? What a stupid question!

Even Stupider of an answer!!

345. Re: Naughty Rude Words

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: dstuart@saucer.cc.umr.edu
Message-ID: <4k4o5m$pmc@hptemp1.cc.umr.edu>
Source record: 203246
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

```
: --
: Robert Garland NX3S @ N3ACL.PA.USA.NOAM
: Hilltown Township Bucks County robert@kd3bj.ampr.org
: Pennsylvania USA Grid FN20ii
: Hams do it bouncing off the "F" layer

We see that someone else in the world is taking themselves too seriously.

I have always heard that hams do it with big towers.

Also, teachers do it on the blackboard.

Also, chess players mate better.

What's naughty about that?

--
-- Dave Stuart
dstuart@umr.edu
University of Missouri -- Rolla

KB0SLY
```

346. TS-830 Intermittent Bandswitch??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: becker@xnet.com
Message-ID: <4k6mmi$u9@flood.xnet.com>
Source record: 203247

The bandswitch on my TS-830 has repeatedly gone intermittent on one of the low-level sections. Cleaning it helps, but the fix doesn't last, and lately the problem seems to be more frequent. Have other present or past TS-830 owners experienced this problem? If so, were you ever able to satisfactorily resolve it? Thanks!

John, K9MM

347. Combination cellphone, commercial 2-way radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <4k6s0b$6qk@nonews.col.hp.com>
Source record: 203248

The other day, I'm reasonably sure I saw a radio that was
a combination cellular telephone and commercial grade
HT. I did not get a chance to find out the mfg or model.
Can anyone confirm that this exists and point me to a
manufacturer?

Or maybe I was hallucinating again.

Bob KB0CY

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

348. Re: Need opinions on RS DSP filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr6.000055.16007@ke4zv.atl.ga.us>
Source record: 203298

In article <31640CD5.4A97@soho.ios.com> Hank <kb2rkx@soho.ios.com> writes:
>Content-Transfer-Encoding: 7bit
>X-Mailer: Mozilla 2.01 (Win16; I)
>
>Radio Shack is currently selling a dsp filter/speaker for only $50. Has
>any one used this thing? Is it any good?

I've got one, the hetrodyne notcher and narrow filters work Ok, the
noise reduction doesn't. For $50, it's Ok, but it doesn't compare to
some of the better units. It does have nice loud audio output though.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

349. Re: Opinions on starter equipmnet.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr6.001609.16144@ke4zv.atl.ga.us>
Source record: 203299

In article <447cc$112a27.28c@NEWS> mouer@mail.ameritel.net (Marci & Dan Mouer) writes:
>I am studying for the Tech No-Code license and am looking for a portable
>2 meter radio. What do I want to look for in a radio? Initially I would
>like to use a portable between home and car. RS down the street has their
>HTX-202, can anyone tell me if this is a good or bad unit? They also have a
>model HTX-212 (mobile).
>Is there an ideal or minimum number of memory channels to be had? I'm not
>100% sure but I think the 202 puts out about 2 watts, right? That should be
>more than enough for the local repeaters, right (Waldorf/LaPlata, MD area)?
>Any suggestions are welcome.

The HTX-202 is about the best 2m HT on the market. Its intermod
resistance is better than anything else out there thanks to very
tight front end filtering (which limits it strictly to ham band
only, it is not a wide coverage scanner). With a 12 volt battery,
it'll make over 5 watts. It is big and clunky by today's standards,
but it takes room to fit in those good filters.

The HTX-212 isn't so special. It's not a bad radio, but it isn't
a great radio either. There are a number of 2m mobile rigs that
are its equal or better. None of those better radios have a name
that begins with 'K' however. Alinco, Icom, Standard, and Yaesu
all make better radios (at least some models are better, even
that crowd has been known to turn out a squalling lemon).

My normal advice is that a HT is a specialist tool, for foot mobile
operation. For a rig to move back and forth between car and home,
get a real mobile rig and a quick release mounting bracket. Something
with good filters and 45 watts of power. You'll be happier, and those
who have to listen to you will be happier too.

Gary
--
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Lawrenceville, GA 30244 | |

350. Re: Naughty Rude Words

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: robert@kd3bj.ampr.org
Message-ID: <robert.828751259@kd3bj.ampr.org>
Source record: 203300
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Well, hams also do "it" bouncing off the E layer too. The D layer,
however, doesn't work very well. The "it" in my signature line is
two-way radiocommunication. What were you thinking?

--
Robert Garland NX3S @ N3ACL.PA.USA.NOAM
Hilltown Township Bucks County robert@kd3bj.ampr.org
Pennsylvania USA Grid FN20ii
Hams do it bouncing off the "F" layer

351. Re: FS: Yaesu New Surplus G-5600B Ant. Rotator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: "Charles A. Rubenstein" <rubenc@iglou.com>
Message-ID: <DpF4I7.FA6@iglou.com>
Source record: 203301

How do these compare with the 5400B?
If the control boxes are same, Id be very interested in one unit.

Charlie KB8BWE
rubenc@iglou.com

352. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.723.3165E74E@accessone.com>
Source record: 203302

In article <4k2985$58d@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes

----------deleted text----------

>On the other hand, I kind of agree with Nate. There's too little
>meaningful stuff anymore. I used to enjoy technical conversations, but I
>can't find them now. Was that one of your point's Nate, no interesting
>conversations?

I guess if you expect to find everytime you call CQ the person answering is going to be somebody you want to talk to more than hello, how's the weather and what gear you running. It isn't that way in life. I have very few "friends" but many acquaintances. It took many meetings and conversations to find those few friends. Same holds true on the radio. It is unrealistic to expect to hold a technical conversation with everybody. OTOH, I can't recall any extended operating time that I haven't heard people talking about something I would enjoy joining in on. Geeze, in the last 3 months I have run into 2 people that fly RC airplanes, another hobby of mine. Wasn't easy but no harder than finding the buddies I fly with now.

Bottom line, ham radio is what YOU make out of it.

grh

353. WANTED YEASU 767GX MODULES

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: doogie <doogie@pop.fast.net>
Message-ID: <4k4qgj$2v0@nn.fast.net>
Source record: 203303

WANT TO BUY YEASU 767GX MUDULES EITHER 6 10 OR 440
OR ANY OTHER ACCES FOR THIS RADIO
DOUG

354. Re: Kenwood TM-455a Cheap??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: "Alan Johnson"
Message-ID: <4k4hgk$21d@Twain.MO.NET>
Source record: 203304

No it will not work the FM part of the band. I don't know if there is a mod or not.

73
de K9CTF
Alan

355. TS130SE KENWOOD SCHEMATIC NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: fjriley@earthlink.net
Message-ID: <4k4t32$20l@chile.it.earthlink.net>
Source record: 203305

A ham friend of mine is looking for a schematic and/or scope patterns
for his Kenwood TS130SE No output...

Tks/rgds Fred Riley
fjriley@earthlink.net

356. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4k4tth$119@newsbf02.news.aol.com>
Source record: 203306

Hi Gary,

You need toi be a little more careful with your remarks. The error in the half wave line is yours, and you have made it before. Let me explain why.

In article <1996Apr5.224816.15395@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>A 1/2-wave wire is naturally resonant, and will have a voltage *maxima*
>at its ends, regardless of whether it is excited in the middle or on
>one of its ends.

Totally untrue Gary. If the far end of a half wave is grounded, or connected to a low impedance, the near end will also be a low impedance. Remember Gary, the half wave **repeats** what is going on at the far end. A 1/4 wl inverts it!

If the far end is connected to a low impedance current source, which a dipole excited with RF can be, minimum common mode current will appear in the middle of the half wave feedline. Maximum current will appear in the snack, just where you don't want it.

This is exactly why coaxial sleeve baluns are 1/4 wl long, and not a 1/2 wl !

>In fact, if it is excited at one of its ends, the
>impedance presented will be thousands of ohms.

Not if the other end is grounded!

>That's why the fellow
>at Dayton was right, and Tom is wrong. Because the end of the coax
>outer looks like thousands of ohms when it is a 1/2-wave *physical*
>length. The currents at the antenna will divide unequally with most
>of the current flowing into the low impedance of the 1/4-wave half
>of the dipole, and very little trying to turn the corner and flow
>into the high impedance presented by the coax outer end.

You made the same error as the "expert" at Dayton, Gary.

>Tom's mistake is trying to use transmission line theory on what is *not*
>at this point functioning as a transmission line. It is, instead, an
>unintended end fed 1/2-wave antenna. Now while it is true that the
>ends of such an antenna are voltage maxima, that's because the ends
>are very high impedances, and thus not much current will "turn the
>corner" to excite this "antenna", so there won't be much high voltage
>down at the shack end. OTOH, a 1/4-wave will be a low feed impedance
>at the antenna, thus lots of current will divert down toward the shack,

>and will express itself as a high voltage at the high impedance of the
>other end. (And the other end *will* be a high impedance because the
>current can't penetrate the coax shield or the transmitter case to
>"close the loop" with the driving source. Whether the transmitter case
>is connected to Earth or not is largely irrelevant as well.)

Gary's mistake is forgetting a half wave repeats what ever happens at the
far end.
I'll accept an I'm sorry>;-)

73 Tom

357. Re: CARJACK FREQ

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <3165EA58.5397@mail.rust.net>
Source record: 203307

The Tech wrote:
>
> Could someone please Email me the carjack freq? I believe that it
> is 171.something MHZ. Thanks.

Try 173.075 MHz. for LoJaak.

Have fun! Bill Crocker

358. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4k5226$2ae@newsbf02.news.aol.com>
Source record: 203308

In article <1996Apr5.225848.15483@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>That's assuming the currents are flowing to "ground", Jack. But
>that's not what they do.

Of course they do Gary. When dealing with common mode currents, the line must be treated like a single conductor.

The path is from the voltage source (in this case the antenna) at the to another low impedance point (in this case the rigs chassis and everything it connects to). The concept is commonly misunderstood, but here's how it works in the case of a dipole.
Assume a transmitter with a coaxial output connection to a dipole antenna. Each half of the antenna is excited by the differential voltage at the end of the coax. Since each half of the antenna has a low self impedance (it is a 1/4 wave with an open far end)m at the feedline terminals, a finite voltage will appears from each terminal to any electrical mass not charged with exactly the same voltage.

You can prove this by touching the dipole at each side of the center insulator. No matter where you stand, you'll get a burn! The rapidly changing voltage tries to charge and discharge your body, and current flows in your fingers.

The feedline is no exception, and since the center conductor of the line is not connected to the rest of the world the same way as the shield, current will flow on the feeder. Since the current has no equal and opposite current to force it to the center of the cable, it appears on the shield.

If the cable presents a low common mode impedance to the antenna, considerable current will flow. If the common mode impedance is zero ohms, the shield half of the antenna will have NO current at all. All of the current that used to excite that half of the antenna will simply turn and flow back down the outside of the line. The theoretical maximum common mode current is equal to the current in the half of the antenna attached to the center conductor. Each side of the antenna has around 30 ohms of impedance, so with 100 watts of excitation the current will be 1.82 amperes with a common mode impedance of zero ohms. The feedpoint will see a 30 ohm load.
With a common mode impedance of 30 ohms at the feedpoint, the center conductor side of the antenna will have 1.49 amperes of current, the common mode current will be .745 amperes, and the side of the antenna connected to the sheild wil, have .745 amperes of current at the feedpoint. The overall impedance at the feedpoint will be 45 ohms in this

case.

This is why changing the length of the feedline changes the SWR when a balun isn't used at the feedpoint of a coax fed dipole, and the source of the myth "moving the meter causes a false SWR reading"!

If the distance to the rig (or any other ground) is 1/2 wl electrical for common mode signals, a low common mode impedance appears at the antenna terminals.
If a "ground" or low RF impedance is placed on the feedline 1/4 wl from the antenna feedpoint, the antenna sees a high common mode impedance and balance remains pretty good even without a balun.

Kirchoff is completely satisfied, as he must be, at every point in each of these systems.
73 Tom

359. Compare Rig Prices TODAY @ http://www.csz.com/sarrio.html

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0504962225590001@host43.cyberg8t.com>
Source record: 203309

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html.

This new classified section will allow Hams to search for equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear your interested in, each listing comes with point-and-click e-mail access, direct to the Ham that listed the item.

For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting will go on-line, in our classified search engine, immediately. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line within 1 hour. I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

360. Trade 200 channel scanner for Icom R1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4k52uj$t6b@coranto.ucs.mun.ca>
Source record: 203310

Not happy with your Icom R1 or just want a base scanner.

I will trade you a Realistic PRO-2022 200 channel scanner that covers the full 800 MHz band including cellular. Same style as the PRO-2005 or PRO-2006

This is one of the scanners that scan cellular in the proper 30 kHz steps and not 12.5 kHz steps.

200 channels divided into 10 groups of 20 channels and 10 monitor memories

Scanner has programmable priority channel, direct search and limit search.

I believe the CE-232 and HB-232 computer interface can be connected to this scanner.

Radio comes with original manual and box.

361. Need Geneave GTX 600 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-06 00:00:00 UTC
From: cnord@mail.snet.net
Message-ID: <4k5p1a$1vni@CT1.SNET.Net>
Source record: 203311

Help,
I need a manual achematic etc. for this rig.
Anybody have any ideas.
Genave does not have a copy.
Thanks
Carl
WA1KPD

362. Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4k7v9d$78e@crash.microserve.net>
Source record: 203162
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>That's assuming the currents are flowing to "ground", Jack. But
>that's not what they do. The current is trying to "close the
>loop" back to the source, Kirchhoff's law, and the source is
>inside a Faraday box called a transmitter.

Gary, this has nothing to do with Kirchoff's law. Once the RF exits the coax at the antenna, it will be attracted to *any* conductor that has a lower EMF than itself. It doesn't matter whether that conductor is the antenna, the shield, the B- of the transmitter, or twelve bronzed monkeys holding hands and singing Nowhere Man. Anything the RF can reach that will conduct, dissipate or radiate is fair game.

>The RF currents on the outside of that box can't get in, can't close
>the loop, and therefore that model fails.

The only model that fails is the one you've described, because it doesn't exist. Not only is the inner chassis of the transmitter not the primary target of the current, it isn't even sealed. Take the key jack for example. One conductor is usually connected to the external chassis by the frame of the jack. The other conductor typically has a bypass capacitor from the tip of the jack to the inner chassis. So what happens when you close the key? Zappo! The outer chassis is connected to the inner chassis through the key and the bypass capacitor. This is also why the key contacts often spark when there's RF on the chassis of the transmitter.

The point is Gary, the concentrically-shielded RF source you're envisioning doesn't exist relative to currents flowing on the outer cabinet. Even if you don't agree with anything else, you should at least abandon this concept.

73,
Jack WB3U

363. Yaesu FT-51R and 41R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: nick@innage.demon.co.uk
Message-ID: <19960407.104404.08@innage.demon.co.uk>
Source record: 203163

I have recently purchased the 51R and my son-in-law the 41R.
I have heard there are 'hidden' capabilities in these rigs and also
mods. Can someone help me to find out more. Thanks.
--
-Nick-
-----------------------------------oOo------------------------------ ,_,
Nick Grose nick@innage.demon.co.uk (o,o)
Bridgnorth Shropshire England {`"'}
-- -"-"-

364. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199604071324.IAA14007@outpost.safe.ia.gov>
Source record: 203164

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Sun Apr 7 08:25:32 CDT
1996 remote from osiint.safe.ia.gov
Date: 07 Apr 1996 08:23:18 -0500
X400-Trace: US*ATTMAIL*IADPS
arrival 07 Apr 1996 08:23:18 -0500
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/RFC-822=Ham-Equip(a)ucsd.edu/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/ADMD=ATTMAIL/C=US/
"@osiint.safe.ia.gov
In-Reply-To: <"\"/RFC-822=199604062153.NAA27998(a)mail.ucsd.edu/OU=OSI-INTERNET/O=WALLACE/
PRMD=IADPS/ADMD=ATTMAIL/C=US/\""@osiint.safe.ia.gov>
Subject: DSP Info
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl0407082148aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl0407082148aa
UA-Content-Id: werl0407082148aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Sun, 7 Apr 1996 08:25 CDT
Content-Type: text
Content-Length: 1021

> Date: 5 Apr 1996 18:17:06 GMT
> From: ferraro@ix.netcom.com (Michael Ferraro )
> Subject: Best DSP radio ?
>
> A Friend of mine would like to find out any user experience with any of
> the available dsp units. Any reports would be appreciated.
>
> 73's de Mike K6ZSR
------------------------------
I have the Radio Shack DSP model 21 I think, I think it works fine for CW.
I can pick out some sigs buried in the novice portion of 40m at night with it
and it is very easy to set up and VERY easy to use. Mostly plug and play.
I have turned it on SSB on several bands and it seems to work ok but not great.
But for $50 (or less) not a bad buy. Also it's compact size sure helps in the
shack. If you want one for SSB primarily, you probably need to look at the
Timewave line. Several friends have them and swear by them. But my Rat Shack
unit works great on my Galaxy V. It is a 12v unit. Hope this helps.

73 de Scott N0XZY werling@safe.ia.gov OR scott@ia.net
```

365. 220Mhz Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: goose@atlantic.net
Message-ID: <4k8fqk$10f@news.atlantic.net>
Source record: 203165

A friend of mine gave me a 220mhz radio to use so we are able to talk without having to mess with the repeater gods in the area. Come to find out, I like 220 a LOT as down here in Ocala, Florida, it seems like NOBODY else uses the band but Butch (KC4LBG) and myself (Richard KE4RIT).

I'd like to purchase some 220 equipment of my own, but can't seem to locate any. Can anyone give a recommendation as to what to purchase or even from where... I know I can buy 200 equipment at a hamfest, I was looking into new equipment.

Any help is Appriciated.

Richard, KE4RIT

366. Equipment for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Gary Wandrie <garyw@erols.com>
Message-ID: <4k8gdr$1pt@news7.erols.com>
Source record: 203166

Amateur Radio Equipment FOR Sale

Yaseau FT-736R 2m/440 satellite transciever with AOP-1 antenna -> $1600.00

Icom IC7100 25 Mhz to 2000 Mhz scanner with TVR-7100 -> $1150.00

Kenwood TH78A 2m/440 hand held with quick charge and spare battery -> $300.00

Texas Instrument 486DX/75 Mhz laptop, active matrix color display,
8 MB memory, 454 MB HD, SCSI ports, 2 PCMCIA ports, 4 year warranty
builtin mouse, paid $3200 in July 1995, -> make an offer

Prices do not include shipping. If you are interested in any of these items, please leave me a message at:

GaryW@erols.com

367. Re: Help on Service Monitor Recommendations!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: mds@lexis-nexis.com
Message-ID: <4k8nh5$kqo@mailgate.lexis-nexis.com>
Source record: 203167

In article <4k68ov$q2p@news1.delphi.com>, KMAGLOUGHLIN@delphi.com says...
<snip>

>Many of us out here in the business have carried the 2001 to sites for
>years. I personally own one and have taken it on aircraft, on snowmobile
>and hand carried it to the customer's equipment with no trouble at all. Now
>it must be said there are several flavors of the 2001 and they all weigh a
>little less as the product got newer. A 2001-A model was the first one to
>be introduced and is the heaviest. It also was originally equipped with a
>Magnavox CRT that did not have the life span of the later replacement
>Telefunken CRT.
>
>The 2001-B has a redesigned power supply which knocked off a couple of pounds
>but was still fairly much the same monitor. Some of the other internals
>were redesigned and made to work a little better.
>
>The 2001-C model was where other options started to be added and I didn't do
>much with those, but the last time I checked, they were still supported by
>Motorola Test Equipment Repair.
>
>The 2001-D model was, it could be said, a concept redesign. The handle was
>placed on the side, several pounds additionally were knocked off the total
>weight, several features added such as DTMF decode, paging decode, DPL
>decode and others. The CRT has always been sharp and bright since the
>Telefunken tube was made standard. I am not going to talk about the
>trunking or cellular options.
>
>One really important factor about the Motorola product is its RF integrety.
>The 2001 is really RF tight. That is extremely important when field tuning
>a duplexer on a customer's site. Most of us don't have the funding to
>purchase a H/P tracking generator or related equipment so we have to use our
>trusty service monitors and our skill as technicians (not to mention knowing
>how to read the manufacturer's directions instead of thinking were smarter
>than the people who designed the duplexer in the first place) to get the job
>done. I would take the Motorola line of monitors, hands down, over any IFR
>product because the units I worked with leak too much. Specifically the
>1000A and the 1200 come to mind. The RF output of the 2001 is also right up
>there at, or just beyond, 1 RF volt. This is important when dealing with
>cavity transmitter combiners or anything that needs to have some punch
>applied.
>
>Functionally the 2001 is layed out better. It makes sense. If I need a
>function, I can find it. The CRT is nice and big so I can see it without
>needing a microscope.

>
>I really think this club's funding should be put toward a Motorola product.
>It will not just "suffice", but will be a hard core, heavy duty, long lived
>piece of equipment that should last for years to come. Of the 2001ABCD
>units I have worked with, they may be a bit heavy depending upon what you
>end up with, but they don't break any more than any other test equipment
>when properly taken care of. As for the weight, I always did say, this
>hobby was not for wimps.
>
>Kevin KA0JQO
>
>
>
>The only that stays the same is change. - Melissa Etheredge
>
>
Kevin,

It sounds like they have improved the Motorola 2001 since my first experience with it. When I worked for a utility company two-way shop we had one of the first 2001 units. That damn thing spent more time in Motorola's repair shop than it did in our shop. Most of the problems were display related.

I left the company before the problems were resolved so I don't know what they ended up doing with the unit. I hope Motorola gave them a good deal to upgrade the unit.

Mike Suhar
WB8GXB

368. Re: Plantronics Starset Headset information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: shell@callamer.com
Message-ID: <3167e5ea.2045769@news.callamer.com>
Source record: 203168
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

relliott@cyberhighway.net wrote:

>Does anybody know of any interface circuits for adapting a telephone style
>Plantronics Starset headset to radio use. I have noticed something like
>that but I can not remember where I saw it. If anyone can help please
>e-mail me with information.
>
>Thanks,
>Rich Elliott KC7CDK
>relliott@cyberhighway.net
>http://www.cyberhighway.net/~relliott/

Which Model are you trying to use? I have one that has a dynamic mic
element, and all I did was to bypass the electronics, and feed the radio,
Kenwood TS-940, direct. The output is lower than most dynamic
elements, but it works good.
73, Bill
WA6IET
shell@callamer.com

369. really cheap TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: gregg4111@aol.com
Message-ID: <4k8ts4$5vk@newsbf02.news.aol.com>
Source record: 203169

is anyone selling a really cheap TNC that I could use for packet???

I would like one that would work, but that is about it. I don't need a manual, don't need any of the fancy schmancy stuff..

If it works please let me know, I may be interested in buying it!

Thanks!

Gregg4111@aol.com
N9UCC Fcc Licensed amateur Radio Operator

370. Re: Tm 251 in 800 MHZ band ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4k8uqs$hvs@whidbey.whidbey.com>
Source record: 203170

No 800mhz mod avil but, remove Diode D416 to get
TX/RX fm 136-174mhz.......subbustr@whidbey.net

371. FS: >> ICOM 781 << CORRECTION * * Canadian dollars!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: iancamp@io.org
Message-ID: <4k8unr$ggg@news1.io.org>
Source record: 203171

Oh boy, another correction.....

I just realized that everyone is assuming US dollars... sorry.
The price is $5000 US or about $6500 Canadian.

Sorry about any confusion..

See the thread by the same name "FS: >> ICOM 781 << check this !"

Ian Campbell
VA3IC

372. Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4k91tp$gjv@crash.microserve.net>
Source record: 203172
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Our news server crashed today so I'm not sure my first copy of this went out. Likewise, Gary's article still hasn't appeared here, so I'm commenting on the basis of the text Tom quoted.

w8jitom@aol.com (W8JI Tom) wrote:
>(Gary Coffman) writes:

>>Tom's mistake is trying to use transmission line theory on what is
>>*not* at this point functioning as a transmission line.

The concept of 1/4 and 1/2 wave lines applies equally well to single conductors. This is evidenced by the use of 1/4 wave single-conductor decoupling stubs in microwave circuitry.

>>It is, instead, an unintended end fed 1/2-wave antenna. Now while it
>>is true that the ends of such an antenna are voltage maxima, that's
>>because the ends are very high impedances, and thus not much current
>>will "turn the corner" to excite this "antenna", so there won't be
>>much high voltage down at the shack end.

This paragraph entirely contradicts itself in trying to prove that a 1/2 wave conductor will isolate antenna currents from the transmitter. First it states that because the 1/2 wave shield simulates a 1/2 wave end-fed antenna, the voltage and impedance on both ends will be high. Then it says that because little current will flow, one end will actually be low.

>>OTOH, a 1/4-wave will be a low feed impedance at the antenna, thus
>>lots of current will divert down toward the shack, and will express
>>itself as a high voltage at the high impedance of the other end.

Another contradiction; this paragraph says the same thing about the 1/4 wave shield that the previous paragraph said about the 1/2 wave - that one end will have a higher impedance than the other. This time it's true, but the rest of the explanation is incorrect.

Yes, there is a low feedpoint impedance at the antenna, but it's created by the 1/2 wave dipole, not the shield. The 1/4 wave shield looks like a high impedance due to reflections from the other end, therefore current does not flow toward the shack as claimed.

>>(And the other end *will* be a high impedance because the current
>>can't penetrate the coax shield or the transmitter case to "close
>>the loop" with the driving source.

This is also incorrect. The RF voltage at the antenna is a free agent that is attracted to *all* conductive objects with a lower potential. That includes any object connected to earth or to the B- of the transmitter, as well as any object large enough to convert the current into radiated energy. The latter is the "electrical mass" that Tom often refers to.

Let's analyze the transmitter in this regard. If it was totally isolated from earth, the outer chassis would "float" at some RF potential due to the connection between the chassis and the outer shield of the coax. This would be true regardless of shield length, because in practice even the input impedance of a 1/4 wave shield (at the antenna) won't be infinitely high and some current will flow.

However, the trasnmitter is not isolated from earth. It is coupled to earth by means of AC lines and other equipment. Even if this coupling is very loose, it is sufficient to pull the chassis to near-ground potential due to the isolation provided by the 1/4 wave shield.

As a side note, earth is likely to be more effective at this than even a direct connection to the inside of the transmitter. Unlike earth, the effectiveness of B- as a return path for common-mode current is determined in part by the relative phase between current leaving the transmitter and current arriving at B- by way of the shield.

It's also my belief that the outer chassis of a transmitter is not well-isolated from internal grounds as previously claimed, and that phase and amplitude differences are the real reason the shield current cannot be cancelled by merely returning to B-. At the very least, this lack of isolation appears to be confirmed by the fact that RF on the outer chassis will often create internal equipment malfunctions.

>>Whether the transmitter case is connected to Earth or not is largely
>>irrelevant as well.)

This statement can only be accepted if one believes that RF voltage is not attracted to earth.

73,
Jack WB3U

373. FT50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <4k931o$ico@chile.it.earthlink.net>
Source record: 203173

Has anyone own the new dual band HT from Yaesu? if yes, how is it?

andy n6xkn

374. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4k93s8$7vi@newsbf02.news.aol.com>
Source record: 203174

In article <4k7394$bu@crash.microserve.net>, jackl@pinetree.microserve.com (WB3U) writes:

>This statement can only be accepted if one believes that RF voltage
>is not attracted to earth.
>
>73,
>Jack WB3U

And that would be true if the earth had no conductive mass to charge and discharge!!!
;-)

Tom

375. Generator Contest 6.5 KW

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: davef@pcslink.com
Message-ID: <4k9530$gev@news.pcslink.com>
Source record: 203175

FOR SALE

6.5 KW Generator Wisconsin Engine 1800 RPM
On Nice Trailer
220 and 110 VAC
Has been used only for 3 or 4 weekend contests
Has 300 feet of #8 extension cord
$2000 obo

376. Re: FT50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4k95jslcm1@mhadf.production.compuserve.com>
Source record: 203176

>Has anyone own the dual band HT from Yaesu?<

It's out in Japan, but won't be available in the US until around the first of May. The Japanese version supposedly only has the 2m and 430MHz bands, while ours will be a wideband radio (76-999MHz receive, with some breaks in coverage).

-Jeff

377. wtb: Yaesu HF,2M dead ok

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4k971t$987@newsbf02.news.aol.com>
Source record: 203177

i'm interested in buying low priced yaesu rigs, vintage 101 and newer. hf or 2 meter. with manuals if they are available. thanks. Jay

378. Re: HF sucks!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <4k98ct$f5l@news.mhv.net>
Source record: 203178

In article <4k13he$mag@uwm.edu>, herb@alpha1.csd.uwm.edu (Nathan Ryan Gingras) wrote:
>Kevin Muenzler (muenzlerk@uthscsa.EDU) wrote:
>
>: But then maybe you don't want a challenge, you might just want
>: it handed to you like the last line of your comment suggests.
>: Although it probably isn't your fault that you want things handed
>: to you. Maybe you were brought up that way, expecting things
>: to be handed to you, not having to work for anything. Have your
>
I listen to HF ALOT, and have worked alot too. I have
>never heard anyone talk about Music, or Society, or anything interesting.
>
>I have my opinions, you have yours. The difference is that I don't
>automatically think my ideas are superior just because they are mine. I
>am glad you like HF, but I DONT! (And I was half-hoping I could be
>convinced otherwise before I totally gave up on Ham Radio.)
>Nate.

Nate,
Maybe your not trying hard enough. Maybe if you made more contacts and
talked about YOUR interests someone will say "Hey, I'm into that too!". Maybe
a post on the radio newsgroups asking if anyone wants to talk about (Insert
subject here) on a sked you'd find someone. Maybe a person your talking to
knows someone with the same interests. I'm into astronomy and even though I'm
only a tech plus at the moment I'm hopeing to find someone on 10 meters to
talk astronomy with eventually. I'm going to upgrade to, I'm shooting for
General next. Maybe you just have to work harder at finding your idea of
interesting conversation.

Tom

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and they are not that of MHV.NET!

379. Re: Charging sealed lead-acid batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4k99dd$d7r@argentina.it.earthlink.net>
Source record: 203179

>My problem is I dont have the special charger required to charge it.
>I know that these batteries require a constant voltage charge of 2.4 to
>2.5 volts per cell (14.4 to 15 volts for a 12V battery), and I was
>wondering
>if I could use my PSU to charge this battery.
>
>My PSU is a Manson EP-925, which has a variable voltage output between
>5 and 15 volts, but no control of the current output (25 Amps max).
>Is there any need to limit the current output, and if so, how can this
>be done.
>
Scott, the current will not be a problem....with a constant voltage charger 9such as a PS) you will be ok IF you set the voltage to 13.8V max...not 14+...If memory serves, the recommended charge is 2.33V per cell in a float condition....

In our -48V battery systems at telecom sites, we use -54V while floating the cells across the system....The charge current rises sharply on initial charge but then levels to normal operating current (after the batteries have taken the charge). Make sure your voltage does not change under a major load by a significant amount...Best way to set the voltage is with NO load including the battery,,,then after setting the supply voltage, attach the battery and let it charge...Your voltage will return to what the preset was when the battery is fully charged..

73
Chris
WB5ITT
Entergy/Gulf States Utilities Telecommunications Dept.

380. WTB: Icom 765

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: wz1u@aol.com
Message-ID: <4k9c1m$asr@newsbf02.news.aol.com>
Source record: 203180

I want to buy a late Icom 765 in mint condition.

--steve
wz1u

381. Re: FS: >> ICOM 781 << check this !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: mwbran1@uswest.com
Message-ID: <4k9auh$2nl@sanews.uswc.uswest.com>
Source record: 203181

I think its a darn good deal ....If you convert $6500.00 cdn into american dollars , its a darn good deal for US Hams! Others I'm not so sure!

382. Re: Wanted:Transverters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Darrell Hinson <ke4jge@emi.net>
Message-ID: <31683B8C.3AE5@emi.net>
Source record: 203182

Robert Young wrote:
>
> Wanted:
>
> Transverters to be used with my Yaesu FT-1000MP.
> I am looking for any FTV-107R or FTV-707 transverters
> or anything that will put me on 6 meters, 2 meters or
> 70 centimeters. I would also like to find any Microwave
> Modules transverters that I could use too. Any suggestions
> for 6 meters would be appreciated too. Contact Bob N9MSS
> at (618)939-7581 or e-mail at Bootlegger@msn.com
>
> 73 de N9MSS BobI have a FTV-707 with 2 meters and 6 meters like new with boxs amd all manul $450.00 email ke4jge@emi.net

383. Slams and Spams of new Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: goblin@fn.net
Message-ID: <4k9fau$p42@wormer.fn.net>
Source record: 203183

I've been an amateur radio operator for about 1 1/2 years now, and been surfing this news group for about a year. I have recieved quite a lot of useful information while browsing. The only thing I find that is most distressing is the slams/spams of what appears to be new operators who ask what appearto be "STUPID" questions.

I have seen a lot of literature which talks about an elmer to help new hams out. Why isn't this true on this news group as well? Come on floks, be a good will ambassador here as well! Help those who don't know. I ahve spent 15 years in both the Army as well as the Navy, and as an instructor in both, I have started each class with the statement-"The only stupid question is the one you did not ask, if you don't know, ask and find out, any questions?"

IMHO. R. Haig KB0PVU.

384. Re: Fix your Radioshack DX-390 yourself.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4k9k5t$ki9@crash.microserve.net>
Source record: 203184

kovar@zeus.ia.net (Jack Kovar KE0AX) wrote:

> I just fixed mine for $1.39.

This reminds me of a very odd defect that was experienced by several models of Sony AM/FM stereo receivers back in the 70's.

Sony had plated the tuning capacitors with some type of alloy that would cause microscopically-thin strands of crystalline metal to "grow" between the plates after a few years of use. The strands were totally invisible to the naked eye, but would short the capacitor and cause the front end to go dead. The cure was to either brush between the plates with a very soft brush, or blow out the cap with compressed air.

I was in the service business the first time I ran into this, and it was exceedingly difficult to convince the customer that we had repaired his stereo with air. I finally had to show him the service bulletin from Sony. ;)

73,
Jack WB3U

385. Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4k8ui6$51p@mikasa.iol.it>
Source record: 203185
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Our news server crashed today so I'm not sure my first copy of this went out. Likewise, Gary's article still hasn't appeared here, so I'm commenting on the basis of the text Tom quoted.

w8jitom@aol.com (W8JI Tom) wrote:
>(Gary Coffman) writes:

>>Tom's mistake is trying to use transmission line theory on what is
>>*not* at this point functioning as a transmission line.

The concept of 1/4 and 1/2 wave lines applies equally well to single conductors. This is evidenced by the use of 1/4 wave single-conductor decoupling stubs in microwave circuitry.

>>It is, instead, an unintended end fed 1/2-wave antenna. Now while it
>>is true that the ends of such an antenna are voltage maxima, that's
>>because the ends are very high impedances, and thus not much current
>>will "turn the corner" to excite this "antenna", so there won't be
>>much high voltage down at the shack end.

This paragraph entirely contradicts itself in trying to prove that a 1/2 wave conductor will isolate antenna currents from the transmitter. First it states that because the 1/2 wave shield simulates a 1/2 wave end-fed antenna, the voltage and impedance on both ends will be high. Then it says that because little current will flow, one end will actually be low.

>>OTOH, a 1/4-wave will be a low feed impedance at the antenna, thus
>>lots of current will divert down toward the shack, and will express
>>itself as a high voltage at the high impedance of the other end.

Another contradiction; this paragraph says the same thing about the 1/4 wave shield that the previous paragraph said about the 1/2 wave - that one end will have a higher impedance than the other. This time it's true, but the rest of the explanation is incorrect.

Yes, there is a low feedpoint impedance at the antenna, but it's created by the 1/2 wave dipole, not the shield. The 1/4 wave shield looks like a high impedance due to reflections from the other end, therefore current does not flow toward the shack as claimed.

>>(And the other end *will* be a high impedance because the current
>>can't penetrate the coax shield or the transmitter case to "close
>>the loop" with the driving source.

This is also incorrect. The RF voltage at the antenna is a free agent that is attracted to *all* conductive objects with a lower potential. That includes any object connected to earth or to the B- of the transmitter, as well as any object large enough to convert the current into radiated energy. The latter is the "electrical mass" that Tom often refers to.

Let's analyze the transmitter in this regard. If it was totally isolated from earth, the outer chassis would "float" at some RF potential due to the connection between the chassis and the outer shield of the coax. This would be true regardless of shield length, because in practice even the input impedance of a 1/4 wave shield (at the antenna) won't be infinitely high and some current will flow.

However, the trasnmitter is not isolated from earth. It is coupled to earth by means of AC lines and other equipment. Even if this coupling is very loose, it is sufficient to pull the chassis to near-ground potential due to the isolation provided by the 1/4 wave shield.

As a side note, earth is likely to be more effective at this than even a direct connection to the inside of the transmitter. Unlike earth, the effectiveness of B- as a return path for common-mode current is determined in part by the relative phase between current leaving the transmitter and current arriving at B- by way of the shield.

It's also my belief that the outer chassis of a transmitter is not well-isolated from internal grounds as previously claimed, and that phase and amplitude differences are the real reason the shield current cannot be cancelled by merely returning to B-. At the very least, this lack of isolation appears to be confirmed by the fact that RF on the outer chassis will often create internal equipment malfunctions.

>>Whether the transmitter case is connected to Earth or not is largely
>>irrelevant as well.)

This statement can only be accepted if one believes that RF voltage is not attracted to earth.

73,
Jack WB3U

386. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: n7ws@azstarnet.com
Message-ID: <n7ws.119.0222D34D@azstarnet.com>
Source record: 203186
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4k91tp$gjv@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
>From: jackl@pinetree.microserve.com (WB3U)
>Subject: Coax Shield Current (Was Re: MFJ Artificial Ground)
>Date: Sun, 07 Apr 96 16:27:32 GMT
[snip]

>The concept of 1/4 and 1/2 wave lines applies equally well to single
>conductors. This is evidenced by the use of 1/4 wave single-conductor
>decoupling stubs in microwave circuitry.

I haven't really been following this thread, however, this caught my eye. What do you mean by single conductors? If you are thinking of a line on a microstrip or stripline board, I wouldn't call that a "single" conductor. Am I wrong?

73, Wes

>73,
>Jack WB3U

387. INFO WANTED ON COLLINS 637K-series (AS-2259/GR) HF Antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: mc@shore.net
Message-ID: <4ka0vv$6ii@northshore.shore.net>
Source record: 203187
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Hello to All Boatanchor Buddies:

I have a Collins 637K-1 HF Manpack antenna set (Mil number is AS-2259/GR). This was used primarily with the PRC-47 and was made to be easily carried and set up in the field. It covers 3-30MHz and were sold by Fair Radio Sales in their 1994 catalog.

The manual lists a couple of variants on the 637K-series, such as:

637K-2 which is the addition of "a 200 Watt-PEP, manually tuned antenna coupler with an RF sensor and tuning meter". This was used with other HF radios not having sufficient tuning range for coupling to the antenna such as the KWM-2.

637K-4 which is the addition of a 30 Watt PEP, manually tuned antenna coupler with an FR sensor and tuning meter for use with radios such as the AN/PRC-74, AN/PRC-64 and the AN/GRC-109.

I am interesting in knowing more about these two antenna couplers such as model numbers and hopefully find someone who has either ot both of these available for sale or trade. With all the expertise here I am hoping to find out more about these two couplers.

Can anyone help?

73,

Michael Crestohl, KH6KD/W1

388. Re: Kenwood th-79a Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Steven Smith <smsmith@slonet.org>
Message-ID: <Pine.OSF.3.91.960407210625.27394D-100000@biggulp.callamer.com>
Source record: 203188

I'm currently having a similar problem with my 79a. When I turn it on the display is dim. (batt fully charged) If I wait 60 + seconds and turn it off and then back on it comes up full brightness and stays that way.

On Sun, 31 Mar 1996, Rich Papa wrote:

> I have noticed that recently, when I first switch on my unit, the LCD
> display, when I press the PTT key, will fade by around 50%. This will
> last for around 3-5 short transmissions (usually 5 seconds or less).
> After that the LCD display seems to no longer fade when transmitting.
> Has anyone else had any similar experience.
>
> Rich
> N1VAJ
>
>

389. Icom 720A RX problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BE34D1.0027003877.uuout@hobbs.com>
Source record: 203189

To: jls@netcom.com
Subject: Icom 720A RX problem

J>The receiver in my 720A quits below 1.6 mhz. This doees not appear to be
>a bandpass filter problem. Any ideas?

"Quits" meaning no receive at all or just poor sensitivity?

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|___________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

390. Technics SA-R177 Stereo Reciever

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: friedo@supernova.net
Message-ID: <friedo-0704962325480001@gate20.supernova.net>
Source record: 203190

Sorry if this is off topic, but this is the best group I could find on my server for this question. A guy I know gave me a Technics SA-R177 stereo reciever, he said it was broken. His description of the problem was "The sound gradually went, and then it was dead." All the controls and such work fine, but I haven't had any luck getting any sound out of it. I checked all the connections I could find, and they all seemed fine. If anyone has a schematic or knows of any common probs with the SA-R177 reciever, I would appreciate it if you could email me (my news server sucks, and I don't want to burden anyone with an off topic thread.) My email address is friedo@supernova.net.

Thanks a lot for any help you can offer :)

391. Re: really cheap TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <4k913s$t4p@reader2.ix.netcom.com>
Source record: 203191

Have you looked at (Baypac/Baycomm/Tigertronics ad in QST) or poor mans
packet on BBS's??
Good packeting
Rod

--
****
Hark! I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus ? --- AC6V
****
A Man May Know Of The World Without Leaving The Shelter Of His
Own Home!
Loa-Tsze
****

392. FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: tswift@attmail.com
Message-ID: <4k9lhv$l2q@doc.zippo.com>
Source record: 203192

The QST product review of the Yaesu FT736R (May 90) said: "but the receiver falls apart at 432 Mhz." Does anyone know if this terrible blocking dynamic range performance on 70cm has been corrected?

Thanks in advance for the information.

Tom KD2MF

393. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: mmallory@netcom.com
Message-ID: <mmalloryDpInn9.KDD@netcom.com>
Source record: 203193
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Sender: rrlc@netcom.com

crum (crum@xmission.xmission.com) wrote:
: I'm thinking about ARRL insurance. Any experience with it (claims)?
: I don't have too much stuff -- just a few FM radios for voice and
: computer networking. But, I lost a handheld last year while hiking!
: An Alinco DJ-580T! I'll certainly tether my HT nicely while hiking
: from now on, but a friend said that ARRL insurance covers accidently
: like that, so I'm interested.

394. Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: sdrumm@albert.nuc.umr.edu
Message-ID: <4k8o6p$ngo@hptemp1.cc.umr.edu>
Source record: 203194

I just recently received my no-code Tech license, and the time has now come to purchase a radio. I'm looking for a 2m HT that is small and rugged enough to be carried when backpacking, hunting, hiking, etc.

Members of the local club recommended the ICOM IC-T22A for $245, and I was wondering if anyone has had positive/negative experiences with this particular model and/or company.

Also, what features should I be looking for in a handheld unit in the $250-$350 price range? I'm a little vague on what DTMF, coded squelch, and tone squelch features actually *do*, so any help in that area would be appreciated.

Thanx for the assist!

395. Mods for Alinco DJ-180 Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: jbrandt@sadira.gb.nrao.edu
Message-ID: <4k9g65$ptl@solitaire.cv.nrao.edu>
Source record: 203195

Anybody seen mods for the Alinco 180 HT?
Thanks in Advance,

```
-------------------------------------------------------------------------
_/ _/ _/_/_/_/ _/ _/_/_/ National
_/ _/ _/ _/ _/ _/ _/ _/ _/ Radio
_/ _/ _/ _/_/_/_/ _/____/ _/ _/ Astronomy
_/ _/_/ _/ _/ _/ _/ _/ _/ Observatory
_/ _/ _/ _/ _/ _/ _/_/_/ Green Bank, WV
Joe Brandt (N0NYO) N.R. EMT/FF jbrandt@nrao.edu (304)456-2210
-------------------------------------------------------------------------
```

396. Re: FS: >> ICOM 781 << check this !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4k7282$11u@miwok.nbn.com>
Source record: 203249

iancamp@io.org (Ian Campbell) wrote:

>Just an additional clarification....
>When I said (yes, it's expensive) I meant the CRT unit that comes with the
>781... not the offer for sale..
>
>I'm asking about $6500 for it but I'll talk to any serious offers.
>
>Thanks again,
>
>Ian Campbell (VA3IC)
>iancamp@io.org
>iancamp@interlog.com
>
While you are free to ask any price you like for your Icom, buyers are
advised that AES is currently selling these *NEW* for $6599, and also has
demo units for $5399 - of course, no Camel hair brushes come with them...
BUT they *DO* have warranties!

--
Gary... KJ6Q... I am the NRA

397. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4k7394$bu@crash.microserve.net>
Source record: 203250
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Gary's article hasn't appeared on my news server yet, but I would like
to post some preliminary comments based on the text Tom quoted.

w8jitom@aol.com (W8JI Tom) wrote:
>(Gary Coffman) writes:

>>Tom's mistake is trying to use transmission line theory on what is
>>*not* at this point functioning as a transmission line.

The concept of 1/4 and 1/2 wave lines applies equally well to single
conductors. This is evidenced by the use of 1/4 wave single-conductor
decoupling stubs in microwave circuitry.

>>It is, instead, an unintended end fed 1/2-wave antenna. Now while it
>>is true that the ends of such an antenna are voltage maxima, that's
>>because the ends are very high impedances, and thus not much current
>>will "turn the corner" to excite this "antenna", so there won't be
>>much high voltage down at the shack end.

This paragraph entirely contradicts itself in trying to prove that a
1/2 wave conductor will isolate antenna currents from the transmitter.
First it states that because the 1/2 wave shield simulates a 1/2 wave
end-fed antenna, the voltage and impedance on both ends will be high.
Then it says that because little current will flow, one end will
actually be low.

>>OTOH, a 1/4-wave will be a low feed impedance at the antenna, thus
>>lots of current will divert down toward the shack, and will express
>>itself as a high voltage at the high impedance of the other end.

Another contradiction; this paragraph says the same thing about the
1/4 wave shield that the previous paragraph said about the 1/2 wave -
that one end will have a higher impedance than the other. This time
it's true, but the rest of the explanation is incorrect.

Yes, there is a low feedpoint impedance at the antenna, but it's
created by the 1/2 wave dipole, not the shield. The 1/4 wave shield
looks like a high impedance due to reflections from the other end,
therefore current does not flow toward the shack as claimed.

>>(And the other end *will* be a high impedance because the current
>>can't penetrate the coax shield or the transmitter case to "close
>>the loop" with the driving source.

This is also incorrect. The RF voltage at the antenna is a free agent
that is attracted to *all* conductive objects with a lower potential.

That includes any object connected to earth or to the B- of the transmitter, as well as any object large enough to convert the current into radiated energy. The latter is the "electrical mass" that Tom often refers to.

Let's analyze the transmitter in this regard. If it was totally isolated from earth, the outer chassis would "float" at some RF potential due to the connection between the chassis and the outer shield of the coax. This would be true regardless of shield length, because in practice even the input impedance of a 1/4 wave shield (at the antenna) won't be infinitely high and some current will flow.

However, the trasnmitter is not isolated from earth. It is coupled to earth by means of AC lines and other equipment. Even if this coupling is very loose, it is sufficient to pull the chassis to near-ground potential due to the isolation provided by the 1/4 wave shield.

As a side note, earth is likely to be more effective at this than even a direct connection to the inside of the transmitter. Unlike earth, the effectiveness of B- as a return path for common-mode current is determined in part by the relative phase between current leaving the transmitter and current arriving at B- by way of the shield.

It's also my belief that the outer chassis of a transmitter is not well-isolated from internal grounds as previously claimed, and that phase and amplitude differences are the real reason the shield current cannot be cancelled by merely returning to B-. At the very least, this lack of isolation appears to be confirmed by the fact that RF on the outer chassis will often create internal equipment malfunctions.

>>Whether the transmitter case is connected to Earth or not is largely
>>irrelevant as well.)

This statement can only be accepted if one believes that RF voltage is not attracted to earth.

73,
Jack WB3U

398. Re: Info needed on Kenwood RM-76 Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4k7672$bj0@uruguay.it.earthlink.net>
Source record: 203251

mcduffie@unlinfo.unl.edu (Gary McDuffie Sr) wrote:
>I have need for information on the RM-76 controller, as it would be
>used on a 7625 radio. It uses BCD to set frequency on the radio.
>However, the 7625 manual doesn't cover control through that port at
>all. I have both operator and service manuals.
>
>Does anyone have a manual, or even old knowledge about how to properly
>interface the remote port? I would gladly buy the manual, or pay for
>copying costs. If you think you know how it works and don't have a
>manual, I'd gladly call you at my expense to discuss it.
>
>
>Thank you for any help you might be able to offer.
>
>73, Gary

Gary, I did draw up an interface between the Tr7625/7600 and an ACC rptr controller using the FC-1 interface (BCD outputs)...

The 7600/7625 do not use DIRECT BCD control...actually, the 144-146 and 146-148 Mhz bands are repeated in the BCD dtring...an extra input changes the LO xtal to offset the PLL sothe BCD inputs are used on both segments! (IE: say 200 is the divisor for 144,000...it is ALSO the same at 146 but the XTAL is changed in the rig!)...

I dont think I have the copy of the manual anymore...but if I run across the drawing i did, I'll let you know IF it can be of any help..

(the manual was borrowed from a friend of mine...he MAY still have it... I'll check and see)

73
Chris
WB5ITT

399. Re: Kenwood TM-742A 10m question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4k76i3$bj0@uruguay.it.earthlink.net>
Source record: 203252

paul_butterfield@wb.xerox.com wrote:
>
>I have Kenwood's TM742A dual-band (expandable to tri-band) radio and am
>considering purchase of the 10m band module (UT-28S). Though I hesitate to
>ask, does anyone know if the extended receive, which covers 11m, would permit
>AM CB receive just as 2m permits AM Aircraft receive?

Some do and some dont...mine does but another gentleman on Compuserve has
not been able to get his to work...his is a later version...and they may
have made a change in the micro code to prevent AM reception....(dont
know WHY they would)

>I know it is considered sport on these groups to run down CBers (err...
>figuratively speaking), but let's face it, there are more folks on the road
>with 11m rigs than 2m. When I hit a traffic jam and I want to know it's cause
>and workaround, ~27 MHz is a lot more likely to yield information than 146.52
>MHz.
You MIGHT try checking with local scanner guys and see if Metro Traffic
or someone else is active in your area....in Houston we have Metro and
Shadow Traffic (both sell reports to radio and TV stations)...Metro was
on UHF (not sure now...) Shadow still is.. and I can listen to both on my
742 on UHF!

>Don't bother telling me to buy a CB or perhaps kill a CBer for his radio and
>thereby improve the world while gaining a receiver :-o
>I just want to know if the module supports AM.

Hmmm nice idea but the local police may frown on the idea of stealing a
CB rig.......

>Thx,
>Paul
>KB2TCG
>
>P.S. 50W of AM Xmit might be nice too! <g>
>
AHHH it does NOT xmit AM....only FM...AM RCV only....

BTW, the 10mtr module has been discontinued....AES has them on sale for
$170 or so....Im sure other places are selling out also at cheap prices..

73
Chris
WB5ITT

400. Re: Tampa Area Rptr Trustee Meeting

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4k76lf$bj0@uruguay.it.earthlink.net>
Source record: 203253

fletcher@gate.net (mike fletcher) wrote:
>To all Bay Area repeater trustees or technical managers.
>
>Repeater trustees meeting April 9 at 6:00 pm.
>Tampa Red Cross chapter, 208 N Howard Ave
>Talk in on 147.105
>Sponsored by FGCARC and TBARS
>See u there..
>
>Mike
>Mike Fletcher AD4HV 813-622-9102
>President,Tampa Bay Amateur Radio Society 95-96
>Florida Certified Fire Alarm Contractor # EF-0000028
>E-Mail to fletcher@gate.net Homepage **coming soon**
>If in the course of offering ideas or speaking my opinion, I
>should offend anyone, I apologize. However, my opinion is my
>own and thus, it shall be.....

Say hello to George WB4AQR for me IF he shows up and is still activce
with all his rptrs on UHF and 1.2Ghz

73
Chris
WB5ITT

401. Plantronics Starset Headset information

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: relliott@cyberhighway.net
Message-ID: <4k78fg$48q@host-3.cyberhighway.net>
Source record: 203254
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

Does anybody know of any interface circuits for adapting a telephone style Plantronics Starset headset to radio use. I have noticed something like that but I can not remember where I saw it. If anyone can help please e-mail me with information.

Thanks,
Rich Elliott KC7CDK
relliott@cyberhighway.net
http://www.cyberhighway.net/~relliott/

402. Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4k7c0cdat1@mhadf.production.compuserve.com>
Source record: 203255

If making modifications to allow extended rx/tx on amateur radio
is illegal then why is motorola allowed to sell comm. radios that
tx in the amatuer bands (146-174) ???

403. Re: Icom 706 Mods Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4k7c63dat3@mhadf.production.compuserve.com>
Source record: 203256

check out some web sites.

404. Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4k7fh8$36v@crash.microserve.net>
Source record: 203257
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Our news server crashed today so I'm not sure my first copy of this went out. Likewise, Gary's article still hasn't appeared here, so I'm commenting on the basis of the text Tom quoted.

w8jitom@aol.com (W8JI Tom) wrote:
>(Gary Coffman) writes:

>>Tom's mistake is trying to use transmission line theory on what is
>>*not* at this point functioning as a transmission line.

The concept of 1/4 and 1/2 wave lines applies equally well to single conductors. This is evidenced by the use of 1/4 wave single-conductor decoupling stubs in microwave circuitry.

>>It is, instead, an unintended end fed 1/2-wave antenna. Now while it
>>is true that the ends of such an antenna are voltage maxima, that's
>>because the ends are very high impedances, and thus not much current
>>will "turn the corner" to excite this "antenna", so there won't be
>>much high voltage down at the shack end.

This paragraph entirely contradicts itself in trying to prove that a 1/2 wave conductor will isolate antenna currents from the transmitter. First it states that because the 1/2 wave shield simulates a 1/2 wave end-fed antenna, the voltage and impedance on both ends will be high. Then it says that because little current will flow, one end will actually be low.

>>OTOH, a 1/4-wave will be a low feed impedance at the antenna, thus
>>lots of current will divert down toward the shack, and will express
>>itself as a high voltage at the high impedance of the other end.

Another contradiction; this paragraph says the same thing about the 1/4 wave shield that the previous paragraph said about the 1/2 wave - that one end will have a higher impedance than the other. This time it's true, but the rest of the explanation is incorrect.

Yes, there is a low feedpoint impedance at the antenna, but it's created by the 1/2 wave dipole, not the shield. The 1/4 wave shield looks like a high impedance due to reflections from the other end, therefore current does not flow toward the shack as claimed.

>>(And the other end *will* be a high impedance because the current
>>can't penetrate the coax shield or the transmitter case to "close
>>the loop" with the driving source.

This is also incorrect. The RF voltage at the antenna is a free agent that is attracted to *all* conductive objects with a lower potential. That includes any object connected to earth or to the B- of the transmitter, as well as any object large enough to convert the current into radiated energy. The latter is the "electrical mass" that Tom often refers to.

Let's analyze the transmitter in this regard. If it was totally isolated from earth, the outer chassis would "float" at some RF potential due to the connection between the chassis and the outer shield of the coax. This would be true regardless of shield length, because in practice even the input impedance of a 1/4 wave shield (at the antenna) won't be infinitely high and some current will flow.

However, the trasnmitter is not isolated from earth. It is coupled to earth by means of AC lines and other equipment. Even if this coupling is very loose, it is sufficient to pull the chassis to near-ground potential due to the isolation provided by the 1/4 wave shield.

As a side note, earth is likely to be more effective at this than even a direct connection to the inside of the transmitter. Unlike earth, the effectiveness of B- as a return path for common-mode current is determined in part by the relative phase between current leaving the transmitter and current arriving at B- by way of the shield.

It's also my belief that the outer chassis of a transmitter is not well-isolated from internal grounds as previously claimed, and that phase and amplitude differences are the real reason the shield current cannot be cancelled by merely returning to B-. At the very least, this lack of isolation appears to be confirmed by the fact that RF on the outer chassis will often create internal equipment malfunctions.

>>Whether the transmitter case is connected to Earth or not is largely
>>irrelevant as well.)

This statement can only be accepted if one believes that RF voltage is not attracted to earth.

73,
Jack WB3U

405. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: ecgallup@mlode.com
Message-ID: <4k7hpg$r0p@news.wco.com>
Source record: 203258

In article <4k7e28$hhp@news.inc.net>, Will Flor <willf@rrgroup.com> wrote:
>Robert H&#65533;yvald <72242.477@CompuServe.COM> wrote:
>>If making modifications to allow extended rx/tx on amateur radio
>>is illegal then why is motorola allowed to sell comm. radios that
>>tx in the amatuer bands (146-174) ???
>
>1) Making the modifications IS NOT illegal. Transmitting outside
>amateur bands with such a modified radio may or may not be legal,

You guys have totally ignored the issue of type acceptance. While not required for CAP, type acceptance is required for most land-mobile radio operation in the public and private services. Using a modified ham radio in these areas is illegal.

Ed WB6SAT ecgallup@mlode.com

406. Re: FS: >> ICOM 781 << check this !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: iancamp@io.org
Message-ID: <4k7hbf$c2p@news1.io.org>
Source record: 203259

In article <4k7282$11u@miwok.nbn.com>, tech@thereporter.com says...
>
>iancamp@io.org (Ian Campbell) wrote:
>
>>Just an additional clarification....
>>When I said (yes, it's expensive) I meant the CRT unit that comes with the
>>781... not the offer for sale..
>>
>>I'm asking about $6500 for it but I'll talk to any serious offers.

What can I say, this is Mint, comes with the extra CRT unit (around $300 if I remember) and I'm motivated to sell. I will entertain any serious offer and work something out. The technical service manual is included as well.

E-mail to: iancamp@io.org OR iancamp@interlog.com and we'll work something out.

73,
Ian Campbell
VA3IC

407. Shareware propagation software?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: pgsperseng@aol.com
Message-ID: <4k7ium$p5p@newsbf02.news.aol.com>
Source record: 203260

I've seen several commercial packages for predicting propagation, but are there any good public-domain or shareware packages anywhere on the net? Do you have any positive (or negative?) experiences with them?

Tnx, 73,
Paul AA1MI

408. $900-$1050 Standard C5900 triple band mobile radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-07 00:00:00 UTC
From: malibugk@aol.com
Message-ID: <4k7l8g$pst@newsbf02.news.aol.com>
Source record: 203261

So, who else has seen the brochure about the 5900?

It's remotely controllable by DTMF tones -- I certainly didn't expect
that!
The good old 5718 has no remote control feature. Hey, I wonder if the
9600bps packet interface is any better in the 5900; With the 5718, I had
to
put an amplifier circuit inline between the MFJ-9600 modem and the 5718's
data port, because the 5718 wanted 5 volts peak-to-peak.

And, I wonder how well the Double Balanced Mixer and Tracking Front-End
really do in preventing intermod. Sounds interesting, because intermod
does get through my 5718 receiver at home, especially on the 70cm band.

Then there's the Yaesu FT-50R which is described at
http://www.yaesu.com/whatnew.html . Interesting, but I wonder what
happened
to the ALL NEW: Cellular phone capability. Maybe it's just not
documented:-)

409. Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kaua0$2vm@crash.microserve.net>
Source record: 203012
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>jackl@pinetree.microserve.com (WB3U) writes:
>>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>>>Whether the transmitter case is connected to Earth or not is
>>>largely irrelevant as well.)

>>This statement can only be accepted if one believes that RF voltage
>>is not attracted to earth.

>Voltage is the work function between two points, it is not attracted
>to anything in particular because there is nothing to attract, it's a
>*potential*, not a substance.

Gary, no offense, but this couldn't be more ambiguous. Voltage is
attracted to all unlike voltages. Is that what you mean by "anything
in particular"? If so, it contradicts your earlier claim that shield
currents radiate when they are unable to "close the loop" inside the
transmitter (which you say is their only attraction).

Also, unless you believe that a charge on an object is imaginary,
voltage is indeed a substance. It is the "essential nature" of
the objects under discussion. We can feel it, we can see its effects,
and we can measure it.

>The potential difference between two points can cause a current to
>flow, dependent on the impedance value between those two points,
>but the potential of Earth is *undefined* in absolute terms, and
>different for any two points measured on its surface.

Absolute terms aren't important to an analysis of shield currents.
It's the *relative* differences between between earth, the
transmitter, the RF at the antenna, etc. that we're concerned with.

>We can't say absolutely that RF current will be attracted to Earth;
>with the proper phasing it could well be *repulsed* by Earth at a
>particular point and time instead.

If a wire is connected between the output of a transmitter and ground,
current will flow on the wire to earth. Varying the phase of the
signal won't change that.

>Or the two points could share the same (high) potential when viewed
>from a third point. Etc. It is too simplistic to assume that Earth is
>a magnet for electricity, a sponge willing to sop up any amount of
>current with no concern for work functions, phase, etc.

First, imaginary third points aren't relevant to this discussion. Second, the earth *is* a magnet for the RF we generate and it will soak up more than even Tom's amplifiers can produce. ;)

>We can't view voltages, currents, or impedances in isolation.

We also can't view them from the Crab Nebula and expect to understand the relationship between the components of the system.

>They're all part of a whole which also includes distance and
>time.

Is this a Zen thing? ;)

>That's why I asked Tom what units he uses to measure "electrical
>mass". The kilogram is a unit of mass, but I don't think he was
>referring to mass at all, but to something else.

The concept of electrical mass is valid regardless of Tom's lack of specific definition. Tom could probably refer to the earth in terms of its total charge capacity, its effective surface area at various frequencies, its absorptive characteristics, etc. However, considering that the resultant numbers would be so extreme in comparison to the components we're discussing, I don't think the specifics are particularly useful.

We don't need to know how much RF the transmitter would have to feed to earth in order to modulate the entire planet. All we need to know is that earth provides a potential that is different than the RF voltage we generate and that there will be an attraction between the two.

>We can only call an Earth connection low impedance if we can define
>the current loop and the other point to which our voltage measurement
>is referenced. If we can't close that loop, or supply that other
>point, there's nothing we can say about an impedance.

If the output of an ungrounded transmitter is coupled to a short wire and the other end of that wire is connected to earth, current will flow to earth. That current will *not* return to the transmitter.

If we measure the current in the wire with an RF ammeter and we also measure the output power of the transmitter (at an internal point with a low differential impedance), we can determine the impedance of the connection to earth without knowing either the voltage at the output of the transmitter or the relative or absolute voltage on earth.

The concept that the circuit must be visibly "completed" in order for RF current to flow is false, as is the claim that we must be able to define a "loop" in order to analyze the circuit.

73,
Jack WB3U

410. Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kaual$2vm@crash.microserve.net>
Source record: 203013
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

My apologies if this is posted twice. Our news server crashed recently and is still unstable. I am having considerable difficulty reading and posting news. :(

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>That's assuming the currents are flowing to "ground", Jack. But
>that's not what they do. The current is trying to "close the
>loop" back to the source, Kirchhoff's law, and the source is
>inside a Faraday box called a transmitter.

Gary, this has nothing to do with Kirchoff's law. Once the RF exits the coax at the antenna, it will be attracted to *any* conductor that has a lower EMF than itself. It doesn't matter whether that conductor is the antenna, the shield, the B- of the transmitter, or twelve bronzed monkeys holding hands and singing Nowhere Man. Anything the RF can reach that will conduct, dissipate or radiate is fair game.

>The RF currents on the outside of that box can't get in, can't close
>the loop, and therefore that model fails.

The only model that fails is the one you've described, because it doesn't exist. Not only is the inner chassis of the transmitter not the primary target of the current, it isn't even sealed. Take the key jack for example. One conductor is usually connected to the external chassis by the frame of the jack. The other conductor typically has a bypass capacitor from the tip of the jack to the inner chassis. So what happens when you close the key? Zappo! The outer chassis is connected to the inner chassis through the key and the bypass capacitor. This is also why the key contacts often spark when there's RF on the chassis of the transmitter.

The point is Gary, the concentrically-shielded RF source you're envisioning doesn't exist relative to currents flowing on the outer cabinet. Even if you don't agree with anything else, you should at least abandon this concept.

73,
Jack WB3U

411. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kav01$34u@crash.microserve.net>
Source record: 203014
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

n7ws@azstarnet.com (Wes Stewart) wrote:
>jackl@pinetree.microserve.com (WB3U) writes:

>>The concept of 1/4 and 1/2 wave lines applies equally well to single
>>conductors. This is evidenced by the use of 1/4 wave
>>single-conductor decoupling stubs in microwave circuitry.

>I haven't really been following this thread, however, this caught my
>eye. What do you mean by single conductors? If you are thinking of a
>line on a microstrip or stripline board, I wouldn't call that a
>"single" conductor. Am I wrong?

Hi Wes,

Yes, that's what I was thinking of - a single 1/4 wave long conductor
connected between (for example) the signal path and ground. Doesn't
that qualify as a single conductor line?

73,
Jack WB3U

412. Re: MaxTrac pinout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: zawodny@primenet.com
Message-ID: <4kasa2$5qu@nnrp1.news.primenet.com>
Source record: 203015

kjsmith@violin.aix.calpoly.edu (Kirk James Smith) wrote:

>I'm looking for the pinout of the 5 pin accessory connector on a Motorola
>MaxTrac mobile radio. I'm hoping there's a microphone connector in
>there. Can someone provide the info?

>--
> Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
> kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
> http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

Kirk,

No such luck on the Logic Boards with the 5 pin jack. The pinouts
are:

1. External Speaker - (a.k.a. Chassis Ground).
2. External Emergency Switch Input
3. External Alarm (Horns or Lights)
4. External Speaker + (Audio out to Ext Spkr AND Int Spkr)
5. Ignition Control (If Internal Jumper F801 is Cut)

Note: F801 is the common designation for all Logic Boards that have
the 5 Pin Option Jack.

Z

413. Re: Need Maxar50 Manual (UHF)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: zawodny@primenet.com
Message-ID: <4kasa2$5qr@nnrp1.news.primenet.com>
Source record: 203016

cardenas@kaiwan.com (Anthony O. Cardenas) wrote:

>Chas,

>Price that manual direct from Motorola: 1-800-422-4210. Manual costs
>vary...

>Tony
>WA6IGJ
>_____snip_____
>"Charles A. Rubenstein" <rubenc@iglou.com> wrote:

>>I need to find a service manual for a Motorola Maxar50 UHF radio.
>>Please respond to rubenc@iglou.com if you have one.
>>Will gladly pay for copying or manual

>>Thanks.

>>Charlie

Charlie,

Maxar 50 U.H.F. --> 68-81064E35 --> $11.50 @ 1-800-422-4210

Z

414. INFO WANTED ON COLLINS 637-K Series (AS-2259/GR) HF Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: mc@shore.net
Message-ID: <4kat31$239@northshore.shore.net>
Source record: 203017
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Hello to All Boatanchor Buddies:

I have a Collins 637K-1 HF Manpack antenna set (Mil number is AS-2259/GR). This was used primarily with the PRC-47 and was made to be easily carried and set up in the field. It covers 3-30MHz and were sold by Fair Radio Sales in their 1994 catalog.

The manual lists a couple of variants on the 637K-series, such as:

637K-2 which is the addition of "a 200 Watt-PEP, manually tuned antenna coupler with an RF sensor and tuning meter". This was used with other HF radios not having sufficient tuning range for coupling to the antenna such as the KWM-2.

637K-4 which is the addition of a 30 Watt PEP, manually tuned antenna coupler with an FR sensor and tuning meter for use with radios such as the AN/PRC-74, AN/PRC-64 and the AN/GRC-109.

I am interested in knowing more about these two antenna couplers such as model numbers and hopefully find someone who has either ot both of these available for sale or trade. With all the expertise here I am hoping to find out more about these two couplers.

Can anyone help?

73,

Michael Crestohl, KH6KD/W1

415. Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kb4cq$4h0@crash.microserve.net>
Source record: 203018
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>I'm also fascinated with your fondness for the peculiar properties
>you assign to "ground" and "electrical mass".

I've been thinking that the crux of this argument might be the perceived impedance of the transmitter chassis. I finally decided to look up the subject of antenna current in the ARRL Antenna Handbook.

The discussion in the Handbook is centered on the use of balanced feeders, but a subsequent paragraph states that the discussion applies equally well to coax. I think the text is sufficient to resolve much of our disagreement (unless we choose not to believe it). ;)

Here's what I found:

1. The first scenario presented in the discussion tends to agree with Gary's claim regarding use of a 1/2 wave long shield. It states that the total length of the line plus one side of the 1/2 wave antenna should *not* be an integral multiple of 1/2 wave. In other words, the feedline should *not* be an odd multiple of 1/4 wave.

However, the condition to which this is applied is when the line is connected to a coupling circuit that is not grounded, either directly or through a capacitance of more than a few picofarads.

2. The second scenario agrees with the claim by Tom and myself that a 1/4 wave shield should be used. It states that the feedline plus one side of the antenna should be equal to multiples of 1/2 wave. In other words, the feedline should be an odd multiple of 1/4 wave.

The condition this applies to is when "the coupling apparatus is grounded at the transmitter." The text goes on to say that "in the average station, it is not possible to get a connection to real ground without having a lead that is an appreciable fraction of a wavelength long" but "if the trasnmitter has fairly large capacitance to ground, a system of this length will be effectively detuned for the fundamental and all even harmonics when grounded to the transmitter at the coupling apparatus."

The latter agrees closely with what I've been saying about the ability of the loose coupling to ground being able to pull the "residual" voltage to near-ground potential, so long as a 1/4 wave line is used.

To sum this up, when coax is used, the system does *not* present the extremely high impedance to ground that might otherwise require

the use of a 1/2 wave line. If coax is in use and the station is operated in the usual manner, a 1/4 wave line will detune the system for antenna currents.

73,
Jack WB3U

416. Re: CARJACK FREQ

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4kb0ps$8pg@whidbey.whidbey.com>
Source record: 203019

C A R J A C K F R E Q ?????

Iz this fer real...don't get it???

subbustr@whidbey.net

417. Re: FS: >> ICOM 781 << check this !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <DpJnAC.Fnr@cix.compulink.co.uk>
Source record: 203020

My local ham radio store is selling one for 2000 uk Pounds sterling.

That works out to about $3300? This is a good deal too....

418. Re: FS: >> ICOM 781 << check this !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4kb11m$gm0@news.halcyon.com>
Source record: 203021

iancamp@io.org (Ian Campbell) wrote:

>In article <4k7282$11u@miwok.nbn.com>, tech@thereporter.com says...
>>
>>iancamp@io.org (Ian Campbell) wrote:
>>
>>>Just an additional clarification....
>>>When I said (yes, it's expensive) I meant the CRT unit that comes with the
>>>781... not the offer for sale..
>>>
>>>I'm asking about $6500 for it but I'll talk to any serious offers.

>What can I say, this is Mint, comes with the extra CRT unit (around $300 if
>I remember) and I'm motivated to sell. I will entertain any serious offer and
>work something out. The technical service manual is included as well.

>E-mail to: iancamp@io.org OR iancamp@interlog.com and we'll work something
>out.

>73,
>Ian Campbell
>VA3IC

Ian,

The CRT unit retails for something over $ 650.00 now.

Gary

419. Re: FS: >> ICOM 781 << CORRECTION * * Canadian dollars!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4kb1c5$gm0@news.halcyon.com>
Source record: 203022

oddjob@cix.compulink.co.uk ("Stephen Walters") wrote:

>Martin Lynch Ltd, a UK dealer has 781 for sale, I think he's had it for a
>long time. I think he want 2000ukp for it, this would work out to $3200?

>I don't think Icom will be importing any more 781's as the internal CRT
>does not meet with local EMC regulations, I have was informed.

>Sexy radio though....excellent for data modes and for using with a
>transverter...or so I'm told.
This may be true for the United Kingdom, however in the United states
the radio is still being imported.

Gary

420. Re: The Perfect CW Station

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4kb1fl$285d@ns5-1.CC.Lehigh.EDU>
Source record: 203023

In article <4k34h2$p8s@gretle.intersource.com>, Greg Limeberry <glimeber@mail.ti
ma.com> writes:
>Greetings to the group and help from experienced operators:
>
>Am a relative newbie and am wanting to set up the perfect (or as close to
>it as possible) CW station. What types of equipment would you suggest?
>I've thought about the Omni VI. Comments? What other types of equipments -
>including antennas? I appreciate being able to access the wise counsel of
>this group.
>
>Thanks in advance
>
>Greg
>
My perfect CW station just consists of gear I can afford. With all the bells
and whistles on today's gear, the perfect station becomes a quest of personal
preference and the ability of your wallet to support those choices.

I really enjoy the thrill of DX ing with my Drake 2NT running 35 watts on
crystal control to a trap vertical. I also enjoy working QRP with my HW 8.
Of course my TS830s does a really great job also. It just really depends what
my mood is as to which station I get on the air with.

Good luck in your quest for the perfect station

73's Dick K8WHA

421. Need Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: bangers1@aol.com
Message-ID: <4kb8o2$qqb@newsbf02.news.aol.com>
Source record: 203024

Looking for a copy of manual for Yeasu FRG-7700 receiver.
Will pay xeroxing and shipping, or for entire manual.
Thanks.

422. WANT: RPTR MOD for GE MVP mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4kb9de$83q@news.aros.net>
Source record: 203025

Please email the MOD for our group..

or let us know where to send a sase and some copying funds...

Marc
KB7YJJ
Rocky Mtn. Radio Assn.

423. Radio MODS look here first

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: j.markstrom@ieee.org
Message-ID: <4kbasq$cqi@daily-planet.execpc.com>
Source record: 203026

```
radio mods page!!!
see
http://www.execpc.com/~markstrm/ham.html
```

424. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr8.151646.28149@ke4zv.atl.ga.us>
Source record: 203027

In article <4k9to3$rqr@cu.comp-unltd.com> saremington@imt.net (Scott Remington) writes:
>Could someone please explain what 'type acceptance' is and why it's so
>important (to the FCC)?

Ok, I'll try. Type Acceptance is a specific set of design criteria and performance criteria that a radio has to meet, in a FCC lab test, before the FCC will allow it to be used in certain radio services (most radio services other than amateur). There are a number of performance criteria having to do with spectral purity, modulation acceptance limits, and the like that it has to meet under a number of specified environmental conditions so that a *non-technical operator* can use it with reasonable assurance that it won't cause an interference hazard to other users, particularly life safety service users, operating on other channels.

In addition, the radio must have other design factors so that the user can not change the radio's operating frequency to one where he is not licensed to operate. This latter is a fairly recent addition to the Type Acceptance criteria for land mobile radios, though it has always been true for CB radios. Older land mobile radios could be user programmed to other frequencies. Unthinking operators did that, and caused problems, so now it is forbidden for Type Accepted radios to be frequency programmable by the user onto frequencies for which they do not hold a license. Typically the radio shop that sells the radio will program it using a special interface and software to only the channels the buyer is licensed to use.

This requirement is a pain in the ass to amateurs when and if such equipment falls into their hands via the surplus channel, of course, since it makes it difficult to make the radio frequency agile in the amateur bands. That's the price we pay for idiots operating out of band. The FCC is beginning to get ticked about amateur radios being modified for out of band operation too, and has started to put pressure on the importers to make the radios harder to modify. This is also a PITA for legitimate users who need wider coverage for MARS/CAP or for driving a transverter.

The whole point of Type Acceptance is to try to make it difficult for the operator to operate the radio illegally, and to make sure that a non-technical user won't inadvertently cause interference to users on other channels through spurious radiation or due to excessive modulation or other funky behavior caused when he does something dumb, like operate into a bad antenna.

If too many amateur radios start showing up on the channels of services where they are not approved, we're likely to see a repeat of the HF external amplifier rule which imposed Type Acceptance on those amplifiers because they were being so widely

abused on the CB band, IE we may find that our VHF/UHF radios
will be required to be Type Accepted, showing only channel numbers
with no way for the user to change the frequencies stored in those
channels.

Amateurs are assumed to be technically skilled (they've been tested)
and are assumed to know the regulations (they've been tested) and
it is assumed that they will abide by the rules (they're supposed
to self-police) so Type Acceptance hasn't been imposed on amateurs.
But if abuse becomes rampant, as it did with external power amplifiers,
then Type Acceptance might be imposed, and that would be a horrible
black eye to the amateur service, not to mention that it would drive
the price of amateur radios through the roof. So don't use amateur
radios where Type Accepted radios are required.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

425. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr8.153844.28247@ke4zv.atl.ga.us>
Source record: 203028

In article <4k9vhu$sm7@freenet.hut.fi> poo-boy@mail.freenet.hut.fi (Randie kochals,Toronto CANADA) writes:
>
>A aquaintance of mine mentioned that a "Johnson Viking II"
>would make a good first radio for HF. I am not familiar
>with this unit. Can someone give me some input on it?
>I.E. Specs and and expected price for a used unit.
>
> Any info would be helpful. Thanks!

Your aquaintance is a joker. This rig is affectionately
known as a boatanchor. It is a very large, very heavy
all vacuum tube plate modulated AM transmitter. It is
not a transceiver as is the norm today, so you also need
a separate receiver to use with it. An old Hallicrafters
or National would be a good match.

These old rigs can sound good on AM, but they're somewhat
dirty with respect to TVI and your neighbors won't be very
happy with you. Also some of the tubes are getting harder
to find and are becoming expensive. Since there isn't a
lot of AM activity on the amateur bands these days, the
phone contacts you will make will be limited to other
nostalga buffs who like to play with this old equipment.
It's over 40 years old. The transmitter will also do CW
of course, so you can use it that way. However, frequency
stability isn't up to modern standards and that can lead
to frustration.

One of these old rigs would make a fine restoration project
if that's what you like to do, but I would definitely not
recomend it as a beginner rig.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

426. Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kbeqv$7mv@crash.microserve.net>
Source record: 203029
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Let me try to summarize my case so that we can focus on the exact
>point of disagreement.

>1) The outside of the coax is not acting as a transmission line,
> and thus transmission line theory does not apply.

Wave reflection theory will apply.

>2) The outside of the coax is acting as a halfwave resonant
structure, IE antenna, and antenna theory must apply.

Antenna theory based on unterminated lines will not apply. The 1/2
wave shield is not unterminated.

>3) The standing wave on a halfwave antenna forces the ends to be
> voltage maxima.

This is true of both the antenna and the 1/2 wave shield.

>4) Ergo, the ends of a halfwave antenna are high impedance points.

This statement is true, but because of the error in (2), it does not
apply to the 1/2 wave shield.

>5) And finally, a high impedance load driven by a low impedance
> source won't accept much current. Therefore use of a halfwave
> coax feeder will limit the amount of RF current conducted down
> to the shack end of the coax along the coax's outer surface.

The first sentence is true, but no valid basis for the conclusion has
been presented.

>Now tell me where any of that is wrong, and we can proceed from
>there.

In a nutshell, you're mixing absolute and relative terms. You've used
"low" when the correct term is "less", and "high" when the correct
term is "greater". This has led to incorrect conclusions regarding
both the 1/2 wave and 1/4 wave shield lengths.

You're also applying theory based on unterminated conductors to a
shield that is terminated by a finite degree of coupling to earth at
the transmitter.

73,
Jack WB3U

427. Re: Mods For Alinco 610???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: davej@sptekwv6.vnd.tek.com
Message-ID: <4kbav3$cb8@goodnews.wv.tek.com>
Source record: 203030

David,
I also have the Alinco610. I don't see how it is possible
to get the 800 Mhz. to work, as this takes a separate module
that is not installed in the radio. The control head does
contain the red and blue wires as listed in various mods., but
in this case hardware is also missing.
Regards,
Dave Jordahl

Tektronix Inc.
The views expressed are those of the individual and not Tektronix Inc.

428. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kbdf3$s18@newsbf02.news.aol.com>
Source record: 203031

Hi Gary,
In article <1996Apr8.004633.25164@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>You persist in treating this wire as a transmission line when that
>is not how it is operating.

Of course it is! Even an antenna can be analyzed as a transmission line, there are whole articles and sections of textbooks that treat antennas this way. An antenna is really an opened up transmission line. Electromagnetic Waves and Radiating Systems (Jordan-Balmain, Prentice Hall EE series, second edition page 388 amoung many).

Broadcast towers (even dipoles and other antennas) are commonly treated as transmission lines with a single conductor impedance (Zo). If a single wire **can't** act like a transmisssion line, then how do long wires function?

The truth is, the conductor is both a radiator AND a transmission line.

>I would ask you, what is the impedance
>of "ground", and between what two terminals are you measuring it?

The system is impossible to quantize, but in approximation the large conductive mass of the station ground is a reasonably low impedance. If not, we wouldn't be able to end feed wires at all without a radial system. With changing voltage, any conductive mass has impedance.

>And why would that matter anyway? Transmission line currents must
>form a closed path, and this path is not closed.

Are you actually saying that I can't excite a single conductor with RF, and have current and voltage appear for many wavelengths along that conductor unless there is a "return path" from the far end?

>It is not behaving
>as a transmission line. It is behaving as an excited resonant 1/2-wave
>antenna structure. *The point where the excitation is applied does
>not change the standing wave pattern on the radiator.* It must have
>voltage maxima at its ends.

Let me see if I understand this statement. Are you saying, if I ground the far end of a half wave antenna, the current maximum STILL occurs in the middle instead of the end?

>[snip]
>>Gary's mistake is forgetting a half wave repeats what ever happens at

the
>>far end.
>>I'll accept an I'm sorry>;-)
>
>If you can demonstrate that this current flow on the coax outer
>is a closed path transmission line current, I'll say I'm sorry,
>or at least grumpily acknowledge I'm wrong. I don't believe that
>it is, so I don't agree with your conclusions. And yes, I know there
>are such things as single wire transmission lines, but that doesn't
>apply here since both ends of the line are not operating against
>"ground", and thus don't form a closed path for the transmission
>line currents to follow.

Are you saying I can't feed a Windom with a single wire transmision line?
After all, both ends aren't grounded.

>1) The outside of the coax is not acting as a transmission line,
> and thus transmission line theory does not apply.

Antenna's act like transmission lines, and imperfect transmission lines
act like antennas. If what you say is true, connecting the far end of a
half wave long conductor to a low impedance (for example it could be the
near end of a 1/4 wave open ended wire, or a ground rod, or a radial
system, or a large conductive mass), will not change the current
distribution in that half wave conductor. We know that isn't true.

If I terminate the ends of a half wave center fed antenna in any low
impedance electrical mass (and even if there is no "return path"), your
"theory" dictates the center impedance would remain a current maxima. We
know that isn't true.

If what you're saying is true, I can put up a half wave dipole and
ANYTHING I do at the dipole ends won't change the current distribution or
feedpoint impedance!
73 Tom

429. Re: Slams and Spams of new Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Kent Winrich <kwin@execpc.com>
Message-ID: <316955D5.78D5@execpc.com>
Source record: 203032

goblin@fn.net wrote:
>
> I've been an amateur radio operator for about 1 1/2 years now, and
> been surfing this news group for about a year. I have recieved quite
> a lot of useful information while browsing. The only thing I find
> that is most distressing is the slams/spams of what appears to be
> new operators who ask what appearto be "STUPID" questions.
>
> I have seen a lot of literature which talks about an elmer to help new
> hams out. Why isn't this true on this news group as well? Come on
> floks, be a good will ambassador here as well! Help those who don't
> know. I ahve spent 15 years in both the Army as well as the Navy, and
> as an instructor in both, I have started each class with the
> statement-"The only stupid question is the one you did not ask, if you
> don't know, ask and find out, any questions?"
>
> IMHO. R. Haig KB0PVU.

AMEN! I thought that this was an exchange of information If you think
it someone asks a dumb question, just don't hit the reply key! Remeber,
at one time, you didn't have all of the answers. Lets try to help
newbies, not humiliate them. Perhaps we can all learn something.

Kent Winrich, NI9U
Waukesha, WI

430. WTB:KNWD TR2400 Battery

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: pridgent@pinn.net
Message-ID: <4kbk1m$r6d@everest.pinn.net>
Source record: 203033

Looking to buy a battery pack for a Kenwood TR2400 HT. Please repond to:
pridgent@pinn.net

--

431. Re: The Perfect CW Station

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: philrut1@aol.com
Message-ID: <4kbmp9$1pc@newsbf02.news.aol.com>
Source record: 203034

In article <4kb1fl$285d@ns5-1.CC.Lehigh.EDU>, a313@Lehigh.EDU writes:

>I really enjoy the thrill of DX ing with my Drake 2NT running 35 watts on
>crystal control to a trap vertical. I also enjoy working QRP with my HW
8.

Dick-- I'm with you, as I have both of these units on the air now. The
only difference being that we've adapted a Heath HG-10 VFO to the 2-NT
which has made it that much more enjoyable!

73--Phil (KB1GO)

432. HAM III/CD44 (CDE) Rotor Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: pablotwa@pacificnet.net
Message-ID: <4kbppt$drp@news2.cais.com>
Source record: 203035

Hi, and thank you for reading this

I have a HAM III/CD44 (CDE) rotor and controller, the rotor works really well, however the heading indicator stopped working yesterday, it just won't "track" anymore and the needle is not physically stuck, I fear that I may have misplaced a wire and I don't have the schematic/owners manual. Does anybody out there know how to find out how the wires are connected ?, any troubleshooting techniques for the meter?, could anybody send me the text or the GIF of the Schematic (or both)?, where can I get an old owner's manual?/ book?

Any help appreciated, thanks in advanced

Pablo Lewin
WA6RSV
please reply through e-mail to pablotwa@pacificnet.net

433. Rotor Problem, please help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: pablotwa@pacificnet.net
Message-ID: <4kbqr7$drp@news2.cais.com>
Source record: 203036

Hi, and thank you for reading this

I have a HAM III/CD44 (CDE) rotor and controller, the rotor works really well, however the heading indicator stopped working yesterday, it just won't "track" anymore and the needle is not physically stuck, I fear that I may have misplaced a wire and I don't have the schematic/owners manual. Does anybody out there know how to find out how the wires are connected ?, any troubleshooting techniques for the meter?, could anybody send me the text or the GIF of the Schematic (or both)?, where can I get an old owner's manual?/ book?

Any help appreciated, thanks in advanced

Pablo Lewin
WA6RSV
please reply through e-mail to pablotwa@pacificnet.net

434. Re: Kenwood th-79a Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Dio <diomar@electriciti.com>
Message-ID: <31697BD4.2781E494@electriciti.com>
Source record: 203037

I had the same problem with my th79a after 4 months. Receive and
transmit still worked fine. Display was flakey. Returned to Kenwood and
they ended up replacing the LC unit under warranty.
73 DE KE6WEO

David A. Kay wrote:
>
> In article <315EBFE7.2104@iconn.net>, Rich Papa <richpapa@iconn.net> wrote:
>
> > I have noticed that recently, when I first switch on my unit, the LCD
> > display, when I press the PTT key, will fade by around 50%. This will
> > last for around 3-5 short transmissions (usually 5 seconds or less).
> > After that the LCD display seems to no longer fade when transmitting.
> > Has anyone else had any similar experience.
> >
> > Rich
> > N1VAJ
>
> I also suspect that the problem is low battery, since every time a
> battery has gone dead that is exactly what happens to the illuminated
> display.
>
> 73', Dave

--
--Dio
Beacher Tool & Die
(A Hughe Jorgen Company)
1106 2nd St.
Suite 316
Encinitas, CA. 92024

435. Re: Fix your Radioshack DX-390 yourself.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: lcarpent@freenet.npiec.on.ca
Message-ID: <4kbqrd$ejj@brain.npiec.on.ca>
Source record: 203038

Jack Kovar KE0AX (kovar@zeus.ia.net) wrote:
: Is you DX-390 receiver dead or very poor sensitivity on AM?
: The FM section works great?
: I just fixed mine for $1.39.
: I blew out the front end with a static charge into the antenna.
: I replaced one part and it works better then before with ECG
: replacement part.

: Let me know if you have had this problem and I will hel you fix
: it and also suggest a mod to protect the front end failures.
: Less than TWO BUCKS TOTAL one phillips screw driver to get radio
: opened up.
: Jack Kovar
: kovar@ia.net
:

Why not jsut post the info here in the group so everyone can read it.

// Amiga Corporation!
// The Buttheads Blew IT!
\\ // Len Carpenter
\X/ (lcarpent@freenet.npiec.on.ca)
A Believer in Welland, Ontario Canada

436. FS - 2KW LINEAR 10-80 meters - Rochester, Ny

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: paladino@kodak.com
Message-ID: <31694CA6.2BAC@kodak.com>
Source record: 203039

I have a BTI (Brad Thompson Industries) 2KW linear for sale. For those of you that may not be familiar with BTI - this amp looks a lot like a Henry 2K. It is meant to sit on the floor and is on casters. It uses one 3-1000Z as the final output tube. This unit covers 10-80 meters and will run 2KW all day long. It can be configured to run 120 or 240 volts and has a built in thermostatically controlled cooling blower. Make me an offer.

--
Mark Paladino
Custom Avionics and Electronics, Inc.
Craftsmen in Electronics Rochester, Ny.
paladino@kodak.com phone 716-723-4642

437. FS - 120 WATT 10 METER MOBILE LINEAR AMPLIFIER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: paladino@kodak.com
Message-ID: <3169502C.DF1@kodak.com>
Source record: 203040

This amp is a homebrew job built to specs from the Motorola RF data manual. I used to use it to run 10 meter mobile driven by a cb rig converted to 10 meters. 12 watts in gets 120 watts out. Make me an offer.

--

Mark Paladino
Custom Avionics and Electronics, Inc.
Craftsmen in Electronics Rochester, Ny.
paladino@kodak.com phone 716-723-4642

438. ICOM IC-2340H radio wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: mhodges@uceng.uc.edu
Message-ID: <4kbuou$pdc@uceng.uc.edu>
Source record: 203041

Hi, I'm looking for an IC-2340H radio. If someone has one they're willing to sell or knows of someone who wants to sell theirs, please let me know. Thanks!

439. Mods for Kenwood TR751A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: zaraza@gdc.com
Message-ID: <4kbu99$i7e@gate2.gdc.com>
Source record: 203042

```
Anyone know of any mods for the Kenwood TR-751A 2 meter
all mode? Kenwood bulitin board doesnt list any.

Tnx,
Les

--

_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
_/ Les Zaraza email : zaraza@gdc.com _/
_/ General DataComm, Inc. (203) 758-1811 _/
_/ Middlebury, CT 06762-1299 N1HPF _/
_/ My opinions are my own, not my employer's. _/
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
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440. Re: Combination cellphone, commercial 2-way radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Chris Huber <szhuber@peseta.ucdavis.edu>
Message-ID: <Pine.SOL.3.91.960408143152.11477C-100000@boris.ucdavis.edu>
Source record: 203043

What you might have seen is a Motorola 800 Mhz ESMR trunked radio that is proved by Nextel. It is digital with 1.5 to 2 watts and does full duplex interconnect and 2 way radio. In northern California, Nextel system covers from Redding to the north to Fresno in the south and the Bay Area. Not bad for wide coverage.

I got to use one for a week, and it has different audio quality than FM, but it was consistent no matter what part of the network you came in on.
On 6 Apr 1996, Bob Witte wrote:

> The other day, I'm reasonably sure I saw a radio that was
> a combination cellular telephone and commercial grade
> HT. I did not get a chance to find out the mfg or model.
> Can anyone confirm that this exists and point me to a
> manufacturer?
>
> Or maybe I was hallucinating again.
>
> Bob KB0CY
>
> Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE
>
>
>

++
Chris Huber
Telecommunications Voice: 916-734-0085
UC Davis Medical Center Pager: 916-762-6860
Sacramento, Ca. 95817 Internet:cahuber@ucdavis.edu
++

441. Sale_FT-990, 2kw Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: N4UTN@gnn.com
Message-ID: <4kc32d$h7c@news-e2a.gnn.com>
Source record: 203044

Hello, My name is Cal.

I am getting interested deeply in 6m allmode and EME.
I have a YAESU FT-990dc w/35 amp external supply in perfect
condition that I bought last March 95. In order for me to
get the allmode equiptment I will have to sacrifice the
990 and supply... cost 1800.00 plus after shipping and will
sell for 1400.00 firm. This setup allows the Nice HF you
may have wanted and a 35 amp supply to run it and your whole
shack.

Also for sale is my LK500zc Amp Supply 2kw amp... Legal Limit
plus.... it is in beautiful condition and well cared for.
I installed 2 brand new 3-500zg tubes (graphites) for the heck
because it had the same tubes in it from the beginning.
I did not see an appreciable power gain so the old tubes were
in great shape (sold the old ones). I figure the graphites
will never have to be replaced... will sell for 1300.00 firm.

All prices are firm and you pay for shipping.....

73.... Cal, N4UTN.....

442. Re: More on FT-530 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: willmore@whelk.cig.mot.com
Message-ID: <willmore.829003975@whelk>
Source record: 203045

gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>Dave, take a look at the *radio*, not the schematic. I think you'll
>find the parts missing from the board that do 800-950 MHz receive.
>That's how Yaesu brought it into compliance with the ECPA. There
>aren't any firmware changes that I know about, the radio still
>displays the frequencies, it just can't hear them because of missing
>parts. If you order the parts and install them on the board, you'll
>have a radio that works just like your friend's radio.

Is anyone familiar with the batch 17 radios? It's inbetween where they
switched layouts for the resistor pads and none of the current mods that
I have seen seem to work for me. Does anyone have any suggestions?
I'd love to have a general purpose receiver.

Cheers,
David N0YMV

443. Lo/Jack

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: bill.dunn@channel1.com
Message-ID: <40.19955.2424@channel1.com>
Source record: 203046

TT>Could someone please Email me the carjack freq? I believe that it
TT>is 171.something MHZ. Thanks.

All you will hear is DATA, even the Car Thief will find out TOO LATE.

173.075 Mhz for the United States.

Bill.Dunn@Channel1.com : EastCoast Paging Systems EC92
Official Scanner Guides : 1-508-229-2288
1-603-432-2615 : NatScan & NESN MA 1 APW
Metro Boston DMAT MA-1 : Mass EMT-Mast 831884 N1/KUG

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* CMPQwk #1.42-R2* UNREGISTERED EVALUATION COPY

444. TS850 vs TS450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jderuite@xroads.com
Message-ID: <4kc5af$oun@news.xroads.com>
Source record: 203047

I am trying to decide between the Kenwood TS450 and TS850. I work primarily DX and am primarily interested in receiver performance. From the specs, there does not seem to be much difference. Is the extra cost of the 850 worth it. I would greatly appreciate any comments

73 and Thanks in advance
KJ7GU, John

445. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: brannick@liberty.com
Message-ID: <4kbul7$erm@news.liberty.com>
Source record: 203048

I want to thank all who responded to my inquiry regarding the Ten Tec Omni VI.

For the information of all.. I did not recerive a single negative response, aside from one minor complaint that the radio did not include a general coverage receiver. (Ham bands only)

The great consensus was that this rig is the equal of, or exceeds the finest rigs out there, with regards to it's ability to "hear". This opinion applied mostly to CW and the digital modes, but most thought that it did a fine job on SSB and other "voice" modes also..

A couple of repondees also felt strongly about the fact that the Ten Tec is an American made transceiver.

Again, thanks to everyone... Bill KN6FJ

446. The Transmitter Chassis (Was MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kcftv$iuo@crash.microserve.net>
Source record: 203049
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

The discussion regarding artificial grounds and coax shield currents has raised a related issue that I think is widely misunderstood.

First, it was stated in the other discussion that feedline currents radiate because they are unable to enter the transmitter and return to their source. I have disputed this because there are many openings and pathways into the typical transmitter for current flowing on the outer chassis. If the current is attracted to the inner chassis, and it appears that it is, it can find a way in. The evidence of this is that RF in the shack often causes the internal workings of the transmitter to malfunction. In addition, removing the cabinet of the transmitter will typically have little or no effect, good or bad, on the RF in the shack.

It has also been stated that because the outer chassis of the transmitter is at a high impedance point, use of a 1/2 wavelength transmission line (coax shield) is appropriate for discouraging common mode current from travelling from the antenna to the transmitter. The high impedance seen at both ends of the cable supposedly will not allow significant current flow.

In turn, I have disputed this, for two reasons. The first has to do with the ability of external currents to enter the transmitter as mentioned above. These currents do enter the transmitter, therefore the outer cabinet is not an isolated point in free space with a high impedance. The second reason for my disagreement with this statement is that in the typical Amateur installation, there is considerable capacitance between the transmitter and earth. This brings me to the issue at hand.

For purposes of this discussion, assume we have a 100 watt HF transmitter and that the cabinet has been removed. Also assume that the transmitter has an internal power supply and that the supply is fed with a 2-wire 120 VAC line cord. Other than two feedthrough capacitors and perhaps a pair of small series RF chokes, there is nothing between the line cord and the primary of the power transformer. A 50 ohm shielded dummy load is attached to the output of the transmitter.

The transmitter just described is an RF generator that is matched to its load. One output terminal is the center pin of the SO-239 jack at the rear panel. The other output terminal is the flange around that pin. If the transmitter is keyed, the center pin of the jack will be "hot" with RF. However, the flange and the chassis of the transmitter to which it is bolted will not. If a low-capacitance oscilloscope is

grounded through a good RF earth ground at the frequency of operation, it will be discovored that the voltage on the center pin is close to the calculated value (E = sq root (P*R)) and that the voltage everywhere on the chassis is a very low value. This can be further verified by the fact that touching the center pin will cause a burn, but touching the chassis will not.

Now, considering that the AC voltage at the two output terminals of an isolated generator will be equal amplitude and opposite phase, how can the preceding be true? Shouldn't the flange of the connector (and thus the chassis of the transmitter) have the same RF voltage as the center pin? The answer is yes, it should, and if we perform the same test with a solid-state mono *audio* amplifier, we would find that the AF voltages on the chassis and on the "positive" output terminal are in fact nearly identical.

The reason for the difference between these two models is that capacitance between the transmitter's chassis and ground unbalances the transmitter's output, causing the chassis to assume the reference potential supplied by ground. This capacitance is small, in fact too small to have an appreciable effect at audio frequencies. However, its capacitive reactance (impedance) decreases as the frequency rises, and at RF it provides a current path sufficient to reference the voltage on the chassis to ground.

In the example given, capacitance will exist between the primary and secondary of the power transformer, as well as between the inner and outer connections to the bypass capacitors on the AC line. There will also be capacitance between the AC wiring and ground, and if this wiring is the correct length, it may even act as a counterpoise or as a low impedance path to the electrical ground of the AC mains.

To explain further, if the transmitter were operated in free space with a self-contained power supply, there would be no tendancy for it to favor either the chassis or the center conductor of the output terminal in terms of the voltage that appears at those points. There is nothing inherent to the transmitter itself that causes the chassis to be "cold" and the output terminal to be "hot". Therefore, even the slightest external influence will be sufficient to pull one or the other toward the voltage potential that exists on that external influence. In our case, the influence is earth.

Lastly, the preceding discusses voltage but not current. We know that one connection to the output connector is the center pin and that the other connection is the chassis itself. Further, because this is an RF generator, the current in the center pin must be equal and opposite to the current entering the flange from the chassis. If that's the case, why doesn't the chassis radiate? Well, in fact it does, but because the chassis is only a small fraction of a wavelength, the current established by the 50 ohm load is insufficient to create appreciable radiation from the chassis.

As a side note, this should not be taken to mean that a small antenna cannot be made to radiate efficiently. If a wire the size of the chassis were actually matched to the output of the transmitter, it would radiate profusely. However, in the process of matching it to the transmitter, the current flowing through the wire would increase many times over the current that is flowing on the chassis of the transmitter.

In summary, even if the transmitter is not intentionally grounded, the voltage on the chassis of the transmitter is held at near-ground potential by virtue of capacitance between the chassis and earth. The chassis may also be referenced to earth by external cabling (including the AC line) and other equipment to which the transmitter is attached. This establishes the chassis as a lower impedance point than would otherwise be the case, and it plays an important role in determining the shield length necessary to minimize common mode currents.

73,
Jack WB3U

447. Help!! Codan Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jcboone@avana.net
Message-ID: <NEWTNews.829026265.3940.jcboone@jcboone.avana.net>
Source record: 203050

Does anyone know what a Codan 8525B is? Any info would be greatly appreciated.
Either post here or e mail direct. Thanks
&73's Jim/kf4alv

448. Viking Ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <3169DA86.41E9@worldnet.att.net>
Source record: 203051

Would someone venture a guess as to a fair selling price for an
operational Johnson Viking Ranger transmitter?

Bob K4LXA

449. FT-990DC FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: LARRY JUNSTROM <lj38spcl@jaxnet.com>
Message-ID: <3169CEE6.3D45@jaxnet.com>
Source record: 203052

YAESU FT-990DC 2 YRS OLD EXCELLENT CONDITION.WITH 250HZ CW
FILTER,MIC,AND ORIGINAL BOX $1150 CALL 904-779-9415 BEFORE 9 PM EST OR
E-MAIL lj38spcl@jaxnet.com 73 Larry KN4UB

450. Re: MFJ 259

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: "B.C. 'Jay' Jackson, Jr." <jackson@mail.us.net>
Message-ID: <92323.jackson@mail.us.net>
Source record: 203053

Funny you should mention about the BC stations. I had been wondering for several months why according to my MFJ-249 my 160/80/40 antenna has a much better SWR at night than at day, and why the daytime reading "danced around", until a ham friend pointed out that AM stations switch to their low power at sundown.

B.C. "Jay" Jackson, Jr. - Fairfax, VA

451. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4kbdaj$28ab@chnews.ch.intel.com>
Source record: 203054

In article <Dp8rM0.7y9@twisto.eng.hou.compaq.com>,
Monty Wilson <mwilson@bangate.compaq.com> wrote:

>really knew his stuff. The forum I attended was on coax and other
>feedlines, and one subject he covered was this business of using an
>electrical half-wavelength feedline. He explained the several reasons

Hi Monty, an electrical half-wavelength feedline (neglecting losses)
will reproduce the antenna impedance. If the antenna impedance is
50 ohms and the feedline is 50 ohms, then the feedline length
doesn't matter. If the antenna impedance is not 50 ohms, you
probably don't want to reproduce it. Rather, you probably want
to transform it as close to 50 ohms as possible by some other
length of feedline.

Maybe he was suggesting a halfwavelength feedline when the antenna
impedance is 50 ohms and one is feeding it with ladder-line. Then
it would make sense. Trying to find a coax length that is a multiple
of halfwavelengths for all HF bands doesn't make sense since the
antenna is probably non-resonant. Again if you have multiple
dipoles such that the antenna impedance is 50 ohms on all bands
(dream on) then the coax length doesn't matter since the SWR is
a perfect 1:1.

On top of all that, halfwavelengths are a poor choice because
of the impedance presented to common mode currents. But it does
make sense when feeding a 50 ohm antenna with ladder-line.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

452. FS -- DRAKE R-4C / T-4XC STATION

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Apr8.231053.117400@kuhub.cc.ukans.edu>
Source record: 203055

:::::::::::::: DRAKE C-LINE STATION ::::::::::::::::

BASIC PACKAGE:

* R-4C Receiver (serial # 16320)
* T-4XC Transmitter (serial # 20489)
* MS-4 Speaker
* AC-4 Power Supply

INCLUDED EQUIPMENT & ACCESSORIES:

* Crystals for WARC, WWV, etc.

* CW filters -- 250 Hz + 500 Hz

* Owner's manuals --
Excellent condition, no underlining, no torn
pages, and no coffee stains.

* Original connecting cables in mint condition.

DETAILS:

* All units are in excellent, near-mint condition.

* R-4C recently aligned by Drake at their
Franklin, Ohio facility.

* NO dents!

* NO stains!

* Absolutely original condition. NO mods!

* Know defects:

o Missing cover for the accessory crystal sockets at
the rear of the R-4C.

o Finals a bit weak on the upper freqs.

::

Asking $575 + shipping.

Please e-mail with offer or request for additional details.

73s

Bill Worthington
AA4FM/0

Eudora, Kansas, USA

453. WTB: Private Patch V

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: "E.W. Robitaille" <ewr2@apc.net>
Message-ID: <3169EC0B.2D4E@apc.net>
Source record: 203056

I am in the market for a Private Patch V. If you are selling one, or have knowledge of someone who is, please contact me.

Eric - N6ITD - EWR2@APC.NET

454. Re: Anybody have an IC-2000H???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Wally@moor.slip.uky.edu
Message-ID: <1102.6672T1243T2335@moor.slip.uky.edu>
Source record: 203057

On 05-Apr-96 08:46:40, bumologist articulated:

>Anybody out there have an Icom Ic2000H?If you do,are you having a problem
>with intermod.I had a Yaesu FT2400 and it was much better.Icom claims in
>the ad "Highly Intermod Resistant".Compared to what?My Bearcat 9000 is
>better than the 2000 is by far.Anybody else having problems???Thanks..

OH yeah.. A friend (WD4EJA) purchased this radio to replace his frail TS700
for daily chatting and mobile work, and he couldn't even receive repeaters
until he purchased a PAR filter.

I too wonder what the heck the (NO INTERMOD) symbol means in their
advertisement!

--
-.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.. .
. Walter Francis _. KT4LH .
- HP48GX Alinco DJ580 Icom 281 Kenwood 530S o:o -
. Wally@POP.UKY.EDU Life begins on 80 .
--... ...-- --... ...-- --... ...-- --... ...-- --... ...-- --... ...-- ..

455. Radio recomendations and suppliers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: kris.mcdonald@prostar.com
Message-ID: <0000121D000010C5@prostar.com>
Source record: 203058

How does the Emperor TS-5010 compare to the RCI-2950?
Is the Emp a good radio?
Some people have told me that the Emperor is a piece of crap radio compared
to the RCI and I'm just trying to get a concensus opinion.

Also I need #s of some mail order places that sell 10m rigs and amps.

456. Re: Wanted: Info on DSP Radio on a computer card

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Jim O'Connell <jimw9wu@ix.netcom.com>
Message-ID: <316954DD.1A31@ix.netcom.com>
Source record: 203059

Scott:

Scott Rosenfeld NF3I wrote:
>
> They're sold by Comer Communications. Does anyone have any experience
> with such a beast???
> --
>

Scott: I won one at the Dayton Hamvention Banquet last year. It looks very interesting, but I never had enough room on my computer mother board to install it. Came with software, DSP audio card, etc. Let me know if you would be interested in buying mine.

73, Jim W9WU

457. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: kjsmith@violin.aix.calpoly.edu
Message-ID: <4kc660$1rkb@violin.aix.calpoly.edu>
Source record: 203060

Can someone point to the specific text of the CFRs that prohibit the end-user from programming land mobile gear?

I'm a bit confused on this... CURRENT production Bendix-King and Icom land mobile rigs (including stuff that's come out in the last year) is keyboard programmable via a "password" or by shorting some pins in the mic connector.. And now Motorola, the king of non user-programmable radios has introduced the JT-1000 series, which is programmable via the front panel.

What gives?

Someone said that the manditory non user programmability never made the law books, but was only recommended. Maybe the manufacturers figured out a way around it with keyboard passwords or temporary jumpers?

--
Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

458. The Transmitter Chassis (Was MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kccpb$afg@mikasa.iol.it>
Source record: 203061
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

The discussion regarding artificial grounds and coax shield currents has raised a related issue that I think is widely misunderstood.

First, it was stated in the other discussion that feedline currents radiate because they are unable to enter the transmitter and return to their source. I have disputed this because there are many openings and pathways into the typical transmitter for current flowing on the outer chassis. If the current is attracted to the inner chassis, and it appears that it is, it can find a way in. The evidence of this is that RF in the shack often causes the internal workings of the transmitter to malfunction. In addition, removing the cabinet of the transmitter will typically have little or no effect, good or bad, on the RF in the shack.

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73,
Jack WB3U

459. **********FOR SALE FT-980**********

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: johnds@ix.netcom.com
Message-ID: <4kc84b$g9t@dfw-ixnews6.ix.netcom.com>
Source record: 203062

I have an FT-980 that I MUST SELL! I was going to get my license
but I decided not to. I bought an FT-980 and I must sell it! The
price is only $750.00. I WILL PAY FOR SHIPPING. Please ask me any
questions. My E-Mail Address is:Johnds@ix.netcom.com

Thanks.

460. RE: Mods DR610 & DJ582T?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Robert Carson <bcarson@198.77.1.3>
Message-ID: <316978EE.528F@198.77.1.3>
Source record: 203063

Looking for mods for Alinco DR610 & DJ582T???

461. Help with Icom 751 modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: corrigad@adsnet.net
Message-ID: <4k8vss$qj7@ratty.wolfe.net>
Source record: 203064

Hello, I am wondering if anyone has modified the receiver to have
hotter receive on the MW band and below? I am into MW BCB dxing and
also am toying with the idea of trying out the loafer band. I have
allready jumpered out the attenuator that is in the 500-1600khz band.
Also any other modifications would be nice to know of.
Thanks very much!
-Dave
corrigad@adsnet.net

462. Icom 720A RX problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BE441E.00270038B8.uuout@hobbs.com>
Source record: 203065

To: jls@netcom.com
Subject: Icom 720A RX problem

J>The receiver in my 720A quits below 1.6 mhz. This doees not appear to be
>a bandpass filter problem. Any ideas?

"Quits" meaning no receive at all or just poor sensitivity?

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|___________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

463. Mods For Alinco 610???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <316980B8.77F0@dfw.net>
Source record: 203196

Hell all:

I have the alinco 610 mods. I think that mods open the 800mhz up on
the radio. Has any one tried the mods and goten the 800mhz part to work!
Thanks for the help! If you need the mods for the radio send me e-mail and I
will send them to you.
--
David Mclean
From The Land of The Hams
KC5NNV is Clear!

[Dfw-Hams]
http://www.dfw.net/~dmclean

---

464. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr8.004633.25164@ke4zv.atl.ga.us>
Source record: 203197

In article <4k4tth$119@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>Hi Gary,
>
>You need toi be a little more careful with your remarks. The error in the
>half wave line is yours, and you have made it before. Let me explain why.
>
>In article <1996Apr5.224816.15395@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) writes:
>
>>A 1/2-wave wire is naturally resonant, and will have a voltage *maxima*
>>at its ends, regardless of whether it is excited in the middle or on
>>one of its ends.
>
>Totally untrue Gary. If the far end of a half wave is grounded, or
>connected to a low impedance, the near end will also be a low impedance.
>Remember Gary, the half wave **repeats** what is going on at the far end.
>A 1/4 wl inverts it!

You persist in treating this wire as a transmission line when that
is not how it is operating. I would ask you, what is the impedance
of "ground", and between what two terminals are you measuring it?
And why would that matter anyway? Transmission line currents must
form a closed path, and this path is not closed. It is not behaving
as a transmission line. It is behaving as an excited resonant 1/2-wave
antenna structure. *The point where the excitation is applied does
not change the standing wave pattern on the radiator.* It must have
voltage maxima at its ends.

[snip]
>>In fact, if it is excited at one of its ends, the
>>impedance presented will be thousands of ohms.
>
>Not if the other end is grounded!

Again, what impedance is "ground", and between what two points
are you measuring it? I continue to sense an unwarranted mystical
belief about "ground" in your postings. It is merely a large somewhat
conductive sheet, and can have any potential at any given point
depending on where you place the other measuring probe.

[snip]
>Gary's mistake is forgetting a half wave repeats what ever happens at the
>far end.
>I'll accept an I'm sorry>;-)

If you can demonstrate that this current flow on the coax outer
is a closed path transmission line current, I'll say I'm sorry,
or at least grumpily acknowledge I'm wrong. I don't believe that
it is, so I don't agree with your conclusions. And yes, I know there
are such things as single wire transmission lines, but that doesn't
apply here since both ends of the line are not operating against
"ground", and thus don't form a closed path for the transmission
line currents to follow.

Let me try to summarize my case so that we can focus on the exact
point of disagreement.

1) The outside of the coax is not acting as a transmission line,
and thus transmission line theory does not apply.

2) The outside of the coax is acting as a halfwave resonant structure,
IE antenna, and antenna theory must apply.

3) The standing wave on a halfwave antenna forces the ends to be
voltage maxima.

4) Ergo, the ends of a halfwave antenna are high impedance points.

5) And finally, a high impedance load driven by a low impedance
source won't accept much current. Therefore use of a halfwave
coax feeder will limit the amount of RF current conducted down
to the shack end of the coax along the coax's outer surface.

Now tell me where any of that is wrong, and we can proceed from
there. I suspect that you will dispute 1, but if you do, you must
close the current loop and demonstrate how that occurs, no mysticism
about "ground" allowed. :-)

I'm not just trying to get an argument going here. I really am
curious how you think the current loop can close through the
Faraday shield of the coax outer and transmitter case. I'm also
fascinated with your fondness for the peculiar properties you
assign to "ground" and "electrical mass". Is the latter measured
in pounds? :-) (That may seem like a joke, but I really want to
know, what units do you assign to "electrical mass"?)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

465. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr8.014751.25476@ke4zv.atl.ga.us>
Source record: 203198
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4k7394$bu@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
[I wrote]
>>>Whether the transmitter case is connected to Earth or not is largely
>>>irrelevant as well.)
>
>This statement can only be accepted if one believes that RF voltage
>is not attracted to earth.

Jack, I'm going to reply to the rest of your post later, but I want
to address this now. Voltage is the work function between two points,
it is not attracted to anything in particular because there is nothing
to attract, it's a *potential*, not a substance. The potential difference
between two points can cause a current to flow, dependent on the impedance
value between those two points, but the potential of Earth is *undefined*
in absolute terms, and different for any two points measured on its surface.

We can pick a point and call it zero, because all potential difference
measurements are relative, but we can't *assume* it will be some
particular value with respect to some other point. It takes two
separated points to have a potential difference, and that difference
can vary by time, location, phase, or magnitude. We can't say absolutely
that RF current will be attracted to Earth; with the proper phasing it
could well be *repulsed* by Earth at a particular point and time instead.
Or the two points could share the same (high) potential when viewed from
a third point. Etc. It is too simplistic to assume that Earth is a
magnet for electricity, a sponge willing to sop up any amount of
current with no concern for work functions, phase, etc.

We can't view voltages, currents, or impedances in isolation.
They're all part of a whole which also includes distance and
time. That's why I asked Tom what units he uses to measure
"electrical mass". The kilogram is a unit of mass, but I don't
think he was referring to mass at all, but to something else.
If we knew the units he was using, we might infer the nature
of what he thinks he is describing. You suggest he is talking
about something with the units of length, that he's referring
to something large enough to radiate significantly at the
frequency of interest. But that's only a part of the story
isn't it? That radiation depends critically on other factors
too, such as current flows and geometry, lack or presence of
balancing flows, standing waves formed by resonances, etc.

In short, an Earth connection, a ground, does not automatically
imply a low impedance. That's because one of the factors establishing

impedance is potential, and that varies between any two given points.
We can only call an Earth connection low impedance if we can define
the current loop and the other point to which our voltage measurement
is referenced. If we can't close that loop, or supply that other point,
there's nothing we can say about an impedance.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

466. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr8.015408.25556@ke4zv.atl.ga.us>
Source record: 203199

In article <4k7c0cdat1@mhadf.production.compuserve.com> Robert H�yvald <72242.477@CompuServe.COM> writes:
>If making modifications to allow extended rx/tx on amateur radio
>is illegal then why is motorola allowed to sell comm. radios that
>tx in the amatuer bands (146-174) ???

Making mods is not illegal, using the modified equipment for services
for which the modified equipment is neither type accepted nor licensed
is. Since no amateur rigs (excluding HF external amplifiers) require
type acceptance, it is not illegal to use a modified commercial radio
in the amateur service. The vice is not, however, versa.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

467. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: saremington@imt.net
Message-ID: <4k9to3$rqr@cu.comp-unltd.com>
Source record: 203200

In article <4k7hpg$r0p@news.wco.com>, ecgallup@mlode.com says...
>

..newsectomy performed...

>
> You guys have totally ignored the issue of type acceptance. While not
>required for CAP, type acceptance is required for most land-mobile radio
>operation in the public and private services. Using a modified ham radio in
>these areas is illegal.
>
> Ed WB6SAT ecgallup@mlode.com

Could someone please explain what 'type acceptance' is and why it's so
important (to the FCC)?

Thanks in advance.

-Scott KC7MRV
saremington@imt.net

468. !!MAKE MONEY WITH YOUR COMPUTER!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Michael Corben <74217.3274@CompuServe.COM>
Message-ID: <4k9v6p$gi2$3@mhafc.production.compuserve.com>
Source record: 203201
Cross-posted to: rec.radio.amateur.equipment,alt.america.online,alt.anarchism,alt.art.colleges,alt.models

Give this note to your friends to make big bucks.
Hello! I've got some awesome news that I think you need to take two minutes to read if you have ever thought "How could I make some serious cash in a hurry???" , or been in serious debt, ready to do almost anything to get the money needed to pay off those bill collectors. So grab a snack, a warm cup of coffee, or a glass of your favorite beverage, get comfortable and listen to this interesting, exciting find!

I was scanning thru a NEWSGROUP and saw an article stating to GET CASH FAST!! I thought..."Here on the Internet?? Well, I'll just have to see what schemes could possibly be on the internet." The article described a way to MAIL A ONE DOLLAR BILL TO ONLY FIVE PEOPLE AND MAKE $50, 0000 IN CASH WITHIN 4 WEEKS! Well, the more I thought about it, the more I became very curious. Why? Because of the way it worked AND BECAUSE IT WOULD ONLY COST ME FIVE DOLLARS (AND FIVE STAMPS), THAT'S ALL I EVER PAY....EVER!!

Ok, so the $50,000 in cash was maybe an tough amount to reach, but it was possible. I knew that I could at least get a return of $1,000 or so. So I did it!! As per the instructions in the article, I mailed out ('snail mail' for you e-mail fanatics) a single dollar bill to each of the five people on the list that was contained in the article. I included a small note, with the dollar, that stated "Please Add Me To Your List." I then removed the first position name of the five names listed and moved everyone up one position, and I put my name in position five of the list. This is how the money starts rolling in! I then took this revised article now with my name on the list and REPOSTED IT ON AS MANY NEWSGROUPS AND LOCAL BULLETIN BOARD MESSAGE AREAS THAT I KNEW. I then waited to watch the money come in...prepared to maybe receive about $1000 to $1500 in cash or so.... But what a welcome surprise when those envelopes kept coming in!!! I knew what they were as soon as I saw the return addresses from people all over the world -Most from the U.S., but some from Canada, even some from Australia! I tell you, THAT WAS EXCITING!! So how much did I get in total return? $1000? $5000? Not even!!! I received a total of $23,343!!! I couldn't believe it!!

I now have a brand new black Acura Integra to speak for, due to this!! Now after almost 8 months, I am ready to do it again!!! So maybe it was possible to get $50,000 in cash, I don't know, but IT COMPLETELY DEPENDS ON YOU, THE INDIVIDUAL! You must follow through and repost this article everywhere you can think of! The more postings you achieve will determine how much cash will arrive in your

very own mailbox!! It's just too easy to pass up!!!

Let's review the reasons why you should do this: The only cost factors are for the five stamps, the 5 envelopes and the 5 one dollar bills that you send out to the listed names by snail mail (US Postal Service Mail). Then just simply repost the article (WITH YOUR NAME ADDED) to all the newsgroups and local BBS's you can. Then sit back and, (ironically), enjoy walking (you can run if you like! :o) down your driveway to your mailbox and scoop up your rewards!! We all have five dollars to put into such an easy effortless investment with SPECTACULAR REALISTIC RETURNS OF $15,000 to $25,000 in about 3-5 weeks! So HOLD OFF ON THOSE LOTTERY NUMBERS FOR TODAY,
EAT AT HOME TONIGHT INSTEAD OF TAKEOUT FROM McDONALDS AND INVEST FIVE

DOLLARS IN THIS AMAZING MONEY MAKING SYSTEM NOW!!! YOU CAN'T LOSE!!

So how do you do it exactly, you ask? I have carefully provided the most detailed, yet straightforward instructions on how to easily get this underway and get your cash on its way. SO, ARE YOU READY TO MAKE SOME CASH!!!?? HERE WE GO!!!

*** THE LIST OF NAMES IS AT THE END OF THIS ARTICLE. ***

OK, Read this carefully. Get a printout of this information, if you like, so you can easily refer to it as often as needed.

INSTRUCTIONS:

1. Take a sheet of paper and write on it the following: "Please add my name to your list". This creates a service out of this money making system and thus making it completely legal. You are not just randomly sending a dollar to someone, you are paying one dollar for a legitimate service. Make sure you include your name and address. I assure you that, again, this is completely legal! For a neat little twist, also write what slot their name was in: "You were in slot 3", Just to add a little fun! This is all about having fun and making money at the same time!

2. Now fold this sheet of paper around a dollar bill ,(no checks or money orders), and put them into an envelope and send it on its way to the five people listed. The folding of the paper around the bill will insure its arrival to its recipient. THIS STEP IS IMPORTANT!!

3. Now listen carefully, here's where you get YOUR MONEY COMING TO YOUR MAILBOX. Look at the list of five people; remove the first name from position one and move everyone on the list up slot one on the list. Position 2 name will now move to the position 1 slot , position 3 will now become position 2, 4 will be 3, 5 will be 4. Now put your name, address, zipcode AND COUNTRY in position 5, the bottom position on the list.

4. Now upload this updated file to as many newsgroups and local bulletin boards' message areas & file section as possible. Give a

catchy description of the file so it gets noticed!! Such as: "NEED FAST CASH?, HERE IT IS!" or "NEED CASH TO PAY OFF YOUR DEBTS??", etc. And the more uploads, the more money you will make, and of course, the more money the others on the list will make too. LET'S ALL TAKE CARE OF EACH OTHER BY BEING HONEST AND BY PUTTING FORTH 120 PERCENT INTO THIS PROFITABLE & AMAZING SYSTEM!!! You'll reap the benefits, believe me!!! Set a goal for the number of total uploads you'll post, such as 15-20 postings or more! Always have a goal in mind!!!
If you can UUE encode the file when uploading, that will make it easier for the people to receive it and have it downloaded to their hard drive. That way they get a copy of the article right on their computer without hassles of viewing and then saving the article from the File menu. Don't alter the file type, leave it as an MS-DOS Text file. The best test is to be able to view this file using Microsoft's Notepad for Windows 3.x or WordPad for Windows '95. If the margins look right without making the screen slide left or right when at the ends of the sentences, you're in business!

5. If you need help uploading, simply ask the sysop of the BBS, or "POST" a message on a newsgroup asking how to post a file, tell them who your Internet provider is and PEOPLE WILL ALWAYS BE GLAD TO HELP. I would try to describe how to do it but there are simply too many internet software packages with slightly different yet relatively simple ways to post or upload a file. Just ask for help or look in the help section for 'posting'. I do know that for GNN, you simply select 'POST' then enter a catchy description under the subject box, choose 'ATTACH', selecting 'UUE' and NOT 'TXT', then
choose 'Browse' to go look for the file. Find your text file CASH.TXT and click on it and choose 'OK'. Place a one line statement in the main body section of the message post screen. Something like "Download this to read how to get cash arriving in your mailbox with no paybacks!" or whatever. Just make sure it represents its true feasibility, NOT something like..."Get one million dollars flooding in your mailbox in two days!" You'll never get ANY responses!

6. And this is the step I like. JUST SIT BACK AND ENJOY LIFE BECAUSE

CASH IS ON ITS THE WAY!! Expect to see a little money start to trickle in around 2 weeks, but AT ABOUT WEEKS 3 & 4, THE MONEY STORM WILL HIT YOUR MAILBOX!! All you have to do is take it out of the mailbox and try not to scream too loud (outside anyway) when you realize YOU HIT THE BIG TIME AT LAST!!

7. So go PAY OFF YOUR BILLS AND DEBTS and then get that something special you always wanted or buy that special person in your life (or the one you want in your life) a gift they'll never forget. ENJOY LIFE!

8. Now when you get low on this money supply, simply re-activate this file again; Reposting it in the old places where you originally posted and possibly some new places you now know of. Don't ever lose this file, always keep a copy at your reach for when you ever need

cash. THIS IS AN INCREDIBLE TOOL THAT YOU CAN ALWAYS RE-USE TIME AND
TIME AGAIN WHEN CASH IS NEEDED!

9. (This step added by Margaret Morris). Hello, This is exciting
isn't it?! While I'm on the list, just add a note saying "Please
include extra money tips" with your name & E-MAIL address, and I will
(FOR FREE) send you some neat methods to increase the money you will
receive with this plan.
Why?... Why not? I'm not selfish...I like helping out others.
E-mail just makes it a touch easier and cheaper, too! After I drop
off the list, I can no longer offer you this advice, obviously, but
maybe someone else who gets my tips will offer and simply replace my
name on this step number 9. Good luck and give this plan your all, it
will definitely pay off!
Like Mike said, HAVE FUN WITH IT!!!

****
****
THE NAMES LIST THE NAMES LIST THE NAMES LIST
****

1. Mike Sova
P.O. Box 381
Coldwater ON Canada
L0K 1E0

2. David Ren
72-26 51st RD
Woodside, NY 11377

3. Sebastian Mathews
Picasso Lane
Potomac, Maryland 20854
(U.S.A.)

4. Margaret Morris <--------
1634 Ronson Dr. don't forget
Houston, TX 77055 include your E-mail adress for free tips!

5. Justin DeSantis
615 Shalter Ave.
Temple, PA 19560-1558
(U.S.A.)

469. Problem with Icom 751A CW carrier drift

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Mat Eshpeter <mat@clearnet.com>
Message-ID: <4ka0fn$3fr@dub-news-svc-1.compuserve.com>
Source record: 203202

I have noticed that the carrier transmitted by
my Icom 751A in CW mode will drift just after
I have begun sending a "block" or group of
characters.

The drifting occurs about 1 second into the
transmission. The "drift" is actually a
very small frequency shift that is just large
enough to be detectable as a difference
in pitch (when monitored on a second rig that I
was using to listen to my CW signal).

Once the drift is complete (takes a few hundred
milliseconds, and is continuous in nature, not a
discrete jump), the frequency does not change
again, until I stop sending characters for a
second or two. I was transmitting with both
minimum and maximum power, and there were no
chirps or keyclicks. I was using a Bencher paddle
and the internal keyer.

Any 751A owners out there have this problem, and know of
a fix ? You can try email, but it is up and down like
a yo-yo. Please post to this newsgroup.

Thanks
Mat

470. Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: poo-boy@mail.freenet.hut.fi
Message-ID: <4k9vhu$sm7@freenet.hut.fi>
Source record: 203203

A aquaintance of mine mentioned that a "Johnson Viking II"
would make a good first radio for HF. I am not familiar
with this unit. Can someone give me some input on it?
I.E. Specs and and expected price for a used unit.

Any info would be helpful. Thanks!

471. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4ka134$eq4@news.ccit.arizona.edu>
Source record: 203204

gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>Making mods is not illegal, using the modified equipment for services
>for which the modified equipment is neither type accepted nor licensed
>is. Since no amateur rigs (excluding HF external amplifiers) require
>type acceptance, it is not illegal to use a modified commercial radio
>in the amateur service. The vice is not, however, versa.
>Gary Coffman KE4ZV

Quite so. Unhappily, the FCC has been using the fact that an amateur radio
was modified as evidence that it was improperly used outside of the amateur
bands where equipment should have been type accepted. Thus actually using
the radio to unlawfully transmit is not required to generate trouble for
yourself. Very nasty attitude actually...

Chris - N7RME

472. Re: How to setup an dual computerlink via radio. Is it possible ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4ka50g$pc5@shore.shore.net>
Source record: 203205
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

>moritz@ipers1.e-technik.uni-stuttgart.de wrote:
>>
>> Franky Noten <Franky.Noten@ping.be> wrote:
>>
>> >I would like to setup an link between 2 computers.
>> >What's the maximum speed I can transmit on ?
>>
>> The speed of light.

Then came the term VELOCITY FACTOR. Where velocity factor, "v", is
expressed as a percentage by :

v = 100c' / c

where c' represents the speed of propogation in a particular
substance, and c is the speed of light in a perfect vacuum. Both c'
and c must be specified in the same units. -Amateur Radio Encyclopedia

-73 de wk1v

473. Re: Yaesu HT Nicad dissasembly

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: smason@agt.net
Message-ID: <316899f5.2387893@news.agt.net>
Source record: 203206

On Sat, 30 Mar 1996 18:26:55 GMT, smason@agt.net (Steve Mason) wrote:

>
> Thanks to all who replied. Lot's of interesting methods. I'll try a few,
>and report what worked for me.

Well what worked was leaving it in the freezer overnight, wrapping it in a
thin towel, and whacking it with a hammer. It split neatly at the seams.

Oh, and it has 2 dead cells.

Steve

474. Re: Slams and Spams of new Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kajba$hl@crash.microserve.net>
Source record: 203207

goblin@fn.net wrote:

>The only thing I find that is most distressing is the slams/spams
>of what appears to be new operators who ask what appearto be "STUPID"
>questions.

What prompted you to post this? Was there a specific incident? From
what I can tell, most questions bring numerous comments from folks
trying to help.

73,
Jack WB3U

475. Tune and Peak info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: qwick@interaccess.com
Message-ID: <4kafou$8t4@nntp.interaccess.com>
Source record: 203208

I have a Uniden 66, Cobra 29, Ranger 2950, and a midland ???.. I need some info and faq's on how to tune and peak them... any help would be greatly appreciated..

476. Re: Naughty Rude Words

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: walt@servelan.co.uk
Message-ID: <4kaktk$j97@tube.news.pipex.net>
Source record: 203209
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

dstuart@saucer.cc.umr.edu (Dave Stuart (dstuart@umr.edu)) wrote:

>> Hams do it bouncing off the "F" layer

>We see that someone else in the world is taking themselves too seriously.
>I have always heard that hams do it with big towers.
>Also, teachers do it on the blackboard.
>Also, chess players mate better.
>What's naughty about that?

Your bad taste is deplorable, Dave! My 24-year-old son reads this
newsgroup, sometimes unsupervised. Just lately, he has started wearing
a t-shirt with the logo "Just Do It!" Where will it all end? If you
persist in placing these suggestive postings, his mother and I will need
to consider installing a parental lock!

73 de G3NYY

--
Walt Davidson E-mail: walt@servelan.co.uk
100523.1414@compuserve.com

477. Re: FS: >> ICOM 781 << CORRECTION * * Canadian dollars!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <DpJE1q.H6G@cix.compulink.co.uk>
Source record: 203210

Martin Lynch Ltd, a UK dealer has 781 for sale, I think he's had it for a long time. I think he want 2000ukp for it, this would work out to $3200?

I don't think Icom will be importing any more 781's as the internal CRT does not meet with local EMC regulations, I have was informed.

Sexy radio though....excellent for data modes and for using with a transverter...or so I'm told.

478. HAM SHOP - VIRTUAL MARKET

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-08 00:00:00 UTC
From: Adriano Sgarbi <adr@datas.it>
Message-ID: <3168DA71.3D07@datas.it>
Source record: 203211

NEW !!

HAM SHOP virtual market for radio amateur.

NO commercial site !!
only for private announce !!

visit it at :

http://www.datas.it/~arg/

Advanced Radio Group

e-mail : arg@datas.it

479. FS:Bencher IAMBIC Keyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: ZYSA98A@prodigy.com
Message-ID: <4kcfrh$1ejm@usenetp1.news.prodigy.com>
Source record: 203066

For sale Bencher Iambic dual paddel keyer, black base , like new..$50.00
plus S&H.
-
BILL ZYSA98A@prodigy.com

480. Cracking the case - FNB-31 battery

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4kchpd$1skk@mule1.mindspring.com>
Source record: 203067

There was an earlier thread on this group regarding cracking the case on the battery for the Yaesu FT-530. Does anyone have any specific advice for the FNB-31 battery? This is the standard 4.8V pack for the Yaesu FT-11/41/51 HT. Thanks for any input! Don (KE4KYO)

481. help!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: beamer@direct.ca
Message-ID: <4kcnun$fqr@aphex.direct.ca>
Source record: 203068

`lo all. Well I hope I'm posting this in the right area, but I have a big problem, and I'd be very grateful if anyone can help me with it... it goes like this:

My mom frequently enjoys listening to a provincial radio station (CBC). Unfortunately whenever my computer (Pentium-90) is on, it interferes with the station and there is a high pitched noise in the background of the station (the loudness varies from day to day). If anyone has any suggestiongs please send email to brendan@direct.ca

482. Kenwood TS-790 Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: tpickett@tir.com
Message-ID: <4kcu2f$pc4@ramp2.tir.com>
Source record: 203069

Looking for a Kenwood TS-790. Unit must be in mint condition, 9600
baud packet mod a plus! I have ham gear I can trade towards price.
E-mail replies to tpickett@tir.com
73 de Tim KG8OC

483. Req4Info: Link 1907 (tube VHF relic)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: jmn@fc.hp.com
Message-ID: <4kcrqc$ape@fcnews.fc.hp.com>
Source record: 203070

An acquaintance of mine (without net access) recently purchased a
Link 1907 ED.2A
at a local hamfest. It's an *old* tube-driven VFH monster, apparantly rigged
w/ Civil Air Patrol duplex crystals.

Of course, there was no documentation at all with it (it looks to be an
antique :o), so he's interested in anything anybody might know or have
stashed away: specs, anecdotes, etc.

Please respond by e-mail and I'll repost.
(I just don't have the bandwidth to keep up with this newsgroup.)
Thanks in advance.

jmn@fc.hp.com / KB0GOW

484. Re: Help on Service Monitor Recommendations!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: martvin@ionet.net
Message-ID: <4kd1ea$s90@ionews.ionet.net>
Source record: 203071

In article <4jvhc0$6d1@cville-srv.wam.umd.edu>, ham@w3eax.umd.edu says...
>
>I too, like Motorola monitors...I have a 2002B and a R-2456A...
One word of caution on the 2000 series...although they are really good monitors, they have stopped making parts for them and no longer support anything older than a "D" series...As time goes by, they will stop supporting them also, simply due to their age...There is an occasional bargain though, I recently rebuilt three 2000 series monitors, replacing the CRT's, several boards, power supplies and completely overhauling them to practically new...I sold one for $3K and the other for $2,800. (missing handle) I kept the nicest one for myself. You can probably find a nice R-2400 series, or maybe even an older R-2600 or 7550 for around $5K. Try Leasametrics Inc. in Dallas...they rent them out for a year or two and them sell them at (frequently) very good prices. They calibrate them before they leave and sell them complete with warranty. I have bought stuff from them before and been very pleased...A used R-2400 (monitor, spectrum analyzer etc.) should run around $5k, depending on age. A R-2600 will probably run a bit more...If you can find a R-7550, they sell new for about $8K...used price for one two or three years old would probably be in your price range..Regards...M.T. Vinson, KN6UG

485. Re: GE Master II queries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: martvin@ionet.net
Message-ID: <4kd1m2$s90@ionews.ionet.net>
Source record: 203072

In article <46e_9604070134@woodybbs.com>,
Chris.Boone@106-4267.woodybbs.com says...
>
>5*** Quoting Dana Myers to All dated 03-28-96 ***
>> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>>
>> What IF does the Mastr II use? The Mastr Exec/Custom MVPs I've
>> tinkered with use a single 11.2MHz IF - my Murata catalog doesn't
>> list anything quite like this ;-).
>The MSTR II is the same rcvr as the EXEC II and MVP in most respects..
>it is also a 11.2 IF ...
>
>11.2 for UHF/VHF, 9.4 Mhz. for Lowband (30-50 Mhz.) and 800 Mhz. radios.
KN6UG.

486. Help with older FT-530?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: kd4geu@aol.com
Message-ID: <4kd6as$k5q@newsbf02.news.aol.com>
Source record: 203073

Hello:
I have an older Yaesu FT-530 that's about 3 years old
and its one that only took the solder pad 13 mod. My question
is that it will only transmit up to about 456.000mHz but at
that freq it flutters at keyup, its quite about 454.000mHz.

Does anyone have any suggestions to get the unit to
transmit up to 470.000mHz. I did the same mod on a friend's
530 and his will transmit up around 470.000 to my jealously.

I have permission to use a 460 business band repeater,
and would like to be able to do so with the 530.

I think the 530 is a excellent radio and hate to see them
discontinue it. Any help with my mod will be appreciated.

Thanks for reading this!
KD4GEU@AOL.COM

487. Re: TS850 vs TS450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: gelleric@kafka.informatik.uni-stuttgart.de
Message-ID: <4kd208$f4t@zdi.informatik.uni-stuttgart.de>
Source record: 203074

In article <4kc5af$oun@news.xroads.com>, jderuite@xroads.com (John DeRuiter) writes:
|> I am trying to decide between the Kenwood TS450 and TS850. I work
|> primarily DX and am primarily interested in receiver performance.
|> From the specs, there does not seem to be much difference. Is the
|> extra cost of the 850 worth it.

Get a 850 ! There does not seem to be much difference to the 450, but there
are some small yet important advantages. The most important to me is the 850's
"slope tune" which works by adjusting the second and third oscillator and
allows for blanking out unwanted signals that are close to the station you're
listening to. This feature is very helpful against heavy qrm, both on ssb and cw.

vy 73, Wolfgang DJ3TZ

488. Re: Viking Ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: mc@shore.net
Message-ID: <4kdgpa$8im@northshore.shore.net>
Source record: 203075

In article <3169DA86.41E9@worldnet.att.net>,
Bob Ludlum <brlpe@worldnet.att.net> wrote:
>Would someone venture a guess as to a fair selling price for an
>operational Johnson Viking Ranger transmitter?
>
>Bob K4LXA

Bob:

A lot depends on its condition bo�th electrically and cosmetically. If
there are any extra holes in the metal, or irreversible modifications or
its in generally rough condition then it's worth little. On the other
hand if its pristine and original its worth a lot more.

Something is only worth as much as a seller is willing to accept in order
to sell it. But a clean original Ranger is worth some decent bux!

73,

Michael

489. Need: Chip 144 MHz sinthesizer.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Igor Blakunov <yl2gkb@linux.cs.dpu.lv>
Message-ID: <Pine.LNX.3.91.960409121553.4079A-100000@linux.cs.dpu.lv>
Source record: 203076

Hi.

Do you know somebody information about simple digital
synthesizers frequency in the DIP case only on the
144...146 MHz (or more) ?

Where I can to buy it ? What cost ?

I need also in practical circuit diagram of this synthesizers using.

Thank you.

Igor B. (YL2GKB)

Packet: YL2GKB@YL1ZI.LVA.EU
E-mail: yl2gkb@linux.cs.dpu.lv

490. Looking for older SS HF gear ICIR, Atlas, Alda, Astro, Cubic, National,...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: rmd@ka4ybr.netmha.com
Message-ID: <4kdjve$5ai@ka4ybr.netmha.com>
Source record: 203077
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.cb

I like to work on and use older SS (Solid State) gear.
I'm primarily interested in ICIR, Alda, Atlas, Cubic, Astro (cubic), Stoner,
and other early solid state HF transceivers including military and
any National, Hammerlund or military solid state receivers.

I'm particularly interested in dead and or problem radios (priced accordingly).
I'll also trade repairs for radios (have a good bench)

I've got ISDN hardware and other datacom hardware to trade plus
some ham gear.

Boatanchors available for trade...
BC669 and R32.

Also have a Melco (Hygain) CB converted to 10m FM, a Sinclair 'MicroMatic'
(advertised as the worlds smallest transistor radio when new, 1.5" x 1" x .5")

and a Decibel products remote antenna monitoring system with 7 directional
couplers (all unused) to trade.

-bob
WB4MNF

--
Bob Duckworth Consulting, 960 Ralph McGill Blvd. Atlanta GA 30306-4447
bobs' address is rmd@ka4ybr.netmha.com 404-888-0389(V) 892-2301(FAX)
Buy Sell Trade Surplus Computer Electronics Datacom Telecom since 1981.
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491. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: jaeschke <jaeschke@cordmc.dnet.etn.com>
Message-ID: <4kdkph$4tm@ns.oar.net>
Source record: 203078
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Jack:

I believe that Gary has a point in that the circuit back to the transmitter must be (visibly) completed. To me this means that the current that leaves the transmitter in the center lead of the coax must return to the transmitter in some manner. Generally, this is throught the shield of the coax. If it did not return, then the negative charge of the electrons leaving the radio would leave a positive charge on the case of the radio.

Jim

492. Re: Problem with Icom 751A CW carrier drift

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: AA9IS <tbrock@execpc.com>
Message-ID: <4kdlfr$fsn@daily-planet.execpc.com>
Source record: 203079

Mat Eshpeter <mat@clearnet.com> wrote:
>I have noticed that the carrier transmitted by
>my Icom 751A in CW mode will drift just after
>I have begun sending a "block" or group of
>characters.
>
>The drifting occurs about 1 second into the
>transmission. The "drift" is actually a
>very small frequency shift that is just large
>enough to be detectable as a difference
>in pitch (when monitored on a second rig that I
>was using to listen to my CW signal).
>
>Once the drift is complete (takes a few hundred
>milliseconds, and is continuous in nature, not a
>discrete jump), the frequency does not change
>again, until I stop sending characters for a
>second or two. I was transmitting with both
>minimum and maximum power, and there were no
>chirps or keyclicks. I was using a Bencher paddle
>and the internal keyer.
>
>Any 751A owners out there have this problem, and know of
>a fix ? You can try email, but it is up and down like
>a yo-yo. Please post to this newsgroup.
>
>Thanks
>Mat
>

Mat,
It sounds like you might have a problem with the regulation in your power supply. The voltage may be dropping when you load it down by transmitting.

73 de Thomas

493. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: "Carmine M. Iannace" <iannace@bu.edu>
Message-ID: <316A5971.7E04@bu.edu>
Source record: 203080

Randie kochals,Toronto CANADA wrote:
>
> A aquaintance of mine mentioned that a "Johnson Viking II"
> would make a good first radio for HF. I am not familiar
> with this unit. Can someone give me some input on it?
> I.E. Specs and and expected price for a used unit.
>
> Any info would be helpful. Thanks!

A Viking II was a ham radio transmitter manufactured in the mid to late 1950's. It had two 6146 tubes in the final and two 807's as modulators. The rig was noteable for it's continous tuning capability from 1.8 to 30 mHz, utilizing a roller inductor in the final amplifier. The transmitter needs an external VFO to operate or you may plug in a crystal in the crystal socket for fixed, drift free, operation. The output power is just over 100 watts if the tubes are good. The chassis is copper plated and weighs about 75 pounds. You can find one at a hamfest for around $75 to $100 if you're lucky, as it is becoming a collectors item.

Of course you'll need to buy a companion receiver to compliment your transmitter.
--
Carmine Iannace KA2PAP
The Mountain Top Homepage
http://members.aol.com/greeneny

494. WTB Manual, Yaesu FRG-7700

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: bangers1@aol.com
Message-ID: <4kdp82$n17@newsbf02.news.aol.com>
Source record: 203081

Need manual for Yaesu FRG-7700. Will pay xeroxing and shipping.
Thanks for any help, 73 Steve

495. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: n7ws@azstarnet.com
Message-ID: <n7ws.120.00166201@azstarnet.com>
Source record: 203082
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kav01$34u@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
>From: jackl@pinetree.microserve.com (WB3U)
>Subject: Re: Coax Shield Current (Was Re: MFJ Artificial Ground)
>Date: Mon, 08 Apr 96 09:49:44 GMT

> n7ws@azstarnet.com (Wes Stewart) wrote:
>>jackl@pinetree.microserve.com (WB3U) writes:

>>>The concept of 1/4 and 1/2 wave lines applies equally well to single
>>>conductors. This is evidenced by the use of 1/4 wave
>>>single-conductor decoupling stubs in microwave circuitry.

>>I haven't really been following this thread, however, this caught my
>>eye. What do you mean by single conductors? If you are thinking of a
>>line on a microstrip or stripline board, I wouldn't call that a
>>"single" conductor. Am I wrong?

>Hi Wes,

>Yes, that's what I was thinking of - a single 1/4 wave long conductor
>connected between (for example) the signal path and ground. Doesn't
>that qualify as a single conductor line?

>73,
>Jack WB3U

Hi Jack:

Not in my mind. The fields exist between the line and the ground plane(s) and cannot exist without them. Therefore, the "second" conductor(s) must be there.

Imagine this: A length of coax has its outer conductor slit lengthwise. If the slit is infinitely narrow, the line behaves pretty much as before. Now we open the gap slightly. There is a slight change in impedance and a little bit of leakage (radiation). There is also a tiny bit of dispersion (different frequencies propagate at different velocities). We continue to open the gap and all of the above continue to occur. Finally, we have the shield bent completely open to a flat conductor. The line continues to operate, but now we have a round wire above a groundplane. Is the center conductor a "single" wire line? No it isn't. If we now squish the dielectric and wire flat, we have microstrip. Has anything really changed? No again.

496. Re: Akaline Disposal

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4kdkfc$64r@news.syspac.com>
Source record: 203083

las5s@kelvin.seas.Virginia.EDU (Lauren Schiff) wrote:

>Hello,

> I am currently researching alkaline
>disposal/recycling. Our search and rescue team is located in
>Charlottesville, Virginia.

> Does anyone have information on alternatives to
>disposal?

> Thanks,

> Lauren

I have to admit I am intreagued by your post. Alkaline what disposal?
Batteries? What does this have to do with Search & Rescue? I can see
it now... You are performing a search/rescue in the mountains but your
battery dies... Halt. Call it off. "Give a hoot-Don't pollute",
Back to the base men/women! We must be environmentally/politically
correct.

C. Dean Norris
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

497. Re: Tune and Peak info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.SOL.3.91.960409111505.5093B-100000@qni.com>
Source record: 203084

Quick,
In case you did not already know this, that these units already come from
the factory tuned and peaked..

Gary Watts de N0OXV
Kansas City Mo
81 GL1100I

On Mon, 8 Apr 1996, Qwick wrote:

> I have a Uniden 66, Cobra 29, Ranger 2950, and a midland ???.. I need
> some info and faq's on how to tune and peak them... any help would be
> greatly appreciated..
>
>
>
>

498. Re: The Perfect CW Station

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4ke0db$13pd@ns1-1.CC.Lehigh.EDU>
Source record: 203085

In article <4kbmp9$1pc@newsbf02.news.aol.com>, philrut1@aol.com (PhilRut1) write
s:
>In article <4kb1fl$285d@ns5-1.CC.Lehigh.EDU>, a313@Lehigh.EDU writes:
>
>>I really enjoy the thrill of DX ing with my Drake 2NT running 35 watts on
>>crystal control to a trap vertical. I also enjoy working QRP with my HW
>8.
>
> Dick-- I'm with you, as I have both of these units on the air now. The
>only difference being that we've adapted a Heath HG-10 VFO to the 2-NT
>which has made it that much more enjoyable!
>
> 73--Phil (KB1GO)
You are definitely correct... I used to use the HG-10 VFO when I ran the set
with a Heath SB300 receiver. However, my external power supply (SB300) went
south to a new ham to get him started on the air. So I don't have an external
supply to run the vfo. I use it with the HW 16 novice rig at times. However I
keep getting a chirpy signal on 15 mtrs. Seem the OO's out there like to mail
me notification cards on it but they don't seem to want to tell me about it on
the air. For all the OO's out there... Yes I do have a regulated B+ line so
you can quit putting that cure on the notices :-}

Thanks for the post Phil. 73's

Dick K8WHA
>

499. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ke71i$a2f@crash.microserve.net>
Source record: 203086
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Post / CC by Mail

n7ws@azstarnet.com (Wes Stewart) wrote:
>jackl@pinetree.microserve.com (WB3U) writes:

>>Yes, that's what I was thinking of - a single 1/4 wave long
>>conductor connected between (for example) the signal path and
>>ground. Doesn't that qualify as a single conductor line?

>Not in my mind. The fields exist between the line and the ground
>plane(s) and cannot exist without them. Therefore, the "second"
>conductor(s) must be there.

Maybe this was a bad analogy. What if the 1/4 wave line is formed
into a half turn loop (like a hairpin) that's perpindicular to the
ground plane?

I don't want to get stuck on this if it isn't relevant to the other
discussion; I'll just say it isn't the same thing and let it go. ;)

73,
Jack WB3U

500. Q: switching p/s - How to combine?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4ke3op$40pc@news-s01.ny.us.ibm.net>
Source record: 203087

I have 2 TDK switching power supplies, they are 5v @ 60A each. They have a voltage adjust pot, and I have been able to get them to go as high as 6.2v each. In a test, I combined them in series and got 12.3v out of them, but have not incorporated it into my shack yet because I want to make sure there's not anything else that I have to do.

Is there a proper way to combine switching power supplies (I've been told that it is possible, but they weren't sure how) and is it possible to modify each unit so that it can produce say 6.5 to 6.8v that way I can get at least 13v out of the two of them?? Anyone done this before?

Thanks in advance for you help!

Steve W.
N2RWE

501. Attic antenna ideas?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4ke4al$qd0@newsbf02.news.aol.com>
Source record: 203088

I live on the second floor of a 2-story apt. and want to improve my HF antenna situation. Currently am running Isotrons for 80/40 and 20 meters but its just sitting on the balcony at abt 12 ft. Have had "some" limited success with this arrangement but I want to get something up in the attic, a wire antenna of some sort, which I think would work better. I have abt 50 ft to play with in one direction, and height of abt 26 ft. I am mainly interesdted in 20 meter operation so was thinking abt just a dipole for 20 meters....but does anyone have any other ideas that might work even better? Long wire? Folded dipole? Any help is appreciated! 73's Mike KS4DA

502. Kenwood TH-225A mic hook-up.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Wally@moor.slip.uky.edu
Message-ID: <1235.6673T694T1699@moor.slip.uky.edu>
Source record: 203089

I am attempting to hook up my TH-225A to a footswitch I made for my Alinco DJ580 and my TS-530. I can select input (headset, handmic, desk mic, etc.) and switching method and off I go. I can either key in-circuit (HT) or out of circuit (HF), but from what I can tell neither way will work with the 225?

I know the mic shield is normally isolated and when it is brought to ground the radio keys, but regardless of what I do I get no audio. A friend said that this radio doesn't do pull-down, it does pull-up, and using the switch circuit within the radio as the power for the mic, so I'm not powering the mic doing what I am trying.

If anyone could suggest something I'd appreciate it. The PTT is a real beast to keep held for ragchewing!

--
-.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.. .
. Walter Francis _. KT4LH .
- HP48GX Alinco DJ580 Icom 281 Kenwood 530S o:o -
. Wally@POP.UKY.EDU Life begins on 80 .
--... ...-- --... ...-- --... ...-- --... ...-- --... ...-- --... ...-- ..

503. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <4ke5il$ld8@news.service.uci.edu>
Source record: 203090
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kaua0$2vm@crash.microserve.net>,
WB3U <jackl@pinetree.microserve.com> wrote:
>
>Gary, no offense, but this couldn't be more ambiguous. Voltage is
>attracted to all unlike voltages.
>
>Also, unless you believe that a charge on an object is imaginary,
>voltage is indeed a substance. It is the "essential nature" of
>the objects under discussion. We can feel it, we can see its effects,
>and we can measure it.
>
>73,
>Jack WB3U

Ben Franklin couldn't have said it any better!

504. WTB: Icom IC900 control head

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDpKqMJ.5AJ@netcom.com>
Source record: 203091
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have an Icom IC-900 radio, but no control head (and of course, Icom hasn't had these in years...) If you have a control head lying around, please let me know. If you know anything about the serial protocol between the head and the "A" unit (Icom doesn't know this either), I'd appreciate that too, since I don't mind hacking together a head.
Thanks very much.
/mike

--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- --- Boston Amateur Radio Club: http://www.barc.org/barc --- -*-
/|\ or send "info barc-list to listserv@netcom.com /|\

505. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr9.174727.4375@ke4zv.atl.ga.us>
Source record: 203092

In article <4kc660$1rkb@violin.aix.calpoly.edu> kjsmith@violin.aix.calpoly.edu (Kirk James Smith) writes:
>
>Someone said that the manditory non user programmability never made the
>law books, but was only recommended. Maybe the manufacturers figured out
>a way around it with keyboard passwords or temporary jumpers?

I believe that meets the requirement. The requirement is only that
the user cannot change frequencies in normal operation to frequencies
where he is not licensed. So I expect not giving him the service password,
or requiring an internal jumper change not documented in the owner's manual,
meets that criteria. The FCC doesn't really expect the radios to be hacker
proof, that would make them virtually unserviceable.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

506. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr9.180119.4483@ke4zv.atl.ga.us>
Source record: 203093
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kdkph$4tm@ns.oar.net> jaeschke <jaeschke@cordmc.dnet.etn.com> writes:
>Jack:
>
>I believe that Gary has a point in that the circuit back to the
>transmitter must be (visibly) completed. To me this means that
>the current that leaves the transmitter in the center lead of
>the coax must return to the transmitter in some manner.
>Generally, this is throught the shield of the coax. If it did
>not return, then the negative charge of the electrons leaving
>the radio would leave a positive charge on the case of the
>radio.
>
>Jim

Ouch! No, Jim, I don't mean that at all. RF is an *AC* waveform,
electrons don't actually "flow" out of the transmitter. They
just vibrate back and forth passing the energy from one electron
to the next down the wire (Actually DC works the same way at initial
condition, IE you don't have to wait for an individual electron to
migrate the length of the wire to get current flow at the other end).
So this is not the concern. To visualize what happens, think of one
of those executive toys with the steel balls on strings, when you
pull one away and let it fall back, the one on the far end rises.
The *energy* has been transferred, but the individual balls are
still in the same places in line where they were. It's the same
with electrons in the wire.

But when we get to steady power flow, the current loop has to close,
or the energy has to radiate, one or the other. In an antenna, the
power radiates, in a transmission line the loop is closed through
the load back to the source via the other conductor of the transmission
line, or via some other unintended path. It's that unintended path
we are discussing.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

507. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr9.183159.4675@ke4zv.atl.ga.us>
Source record: 203094
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4k7394$bu@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
>Gary's article hasn't appeared on my news server yet, but I would like
>to post some preliminary comments based on the text Tom quoted.

Your server has gone beserk, Jack. There are multiple copies of your
responses out here now. I'll try not to duplicate my answers, but
I'm going to spread them over several posts so that they retain some
semblence of context.

> w8jitom@aol.com (W8JI Tom) wrote:
>>(Gary Coffman) writes:
>
>>>Tom's mistake is trying to use transmission line theory on what is
>>>*not* at this point functioning as a transmission line.
>
>The concept of 1/4 and 1/2 wave lines applies equally well to single
>conductors. This is evidenced by the use of 1/4 wave single-conductor
>decoupling stubs in microwave circuitry.

No, that's different. Those stubs are part of the antenna and not
transmission lines.

>>>It is, instead, an unintended end fed 1/2-wave antenna. Now while it
>>>is true that the ends of such an antenna are voltage maxima, that's
>>>because the ends are very high impedances, and thus not much current
>>>will "turn the corner" to excite this "antenna", so there won't be
>>>much high voltage down at the shack end.
>
>This paragraph entirely contradicts itself in trying to prove that a
>1/2 wave conductor will isolate antenna currents from the transmitter.
>First it states that because the 1/2 wave shield simulates a 1/2 wave
>end-fed antenna, the voltage and impedance on both ends will be high.
>Then it says that because little current will flow, one end will
>actually be low.

No, it does not contradict itself, you've misread it (or I wasn't
clear enough). Because the impedance at the driven end is high,
not much current can be forced into it by a low impedance source
(the source is assumed to be 50 ohms because of the loading by a
dipole's center feed impedance). And because the impedance of the
outside of the shield at the other (transmitter) end is also high
(since the loop isn't closed) there will be a voltage maxima there
too, but it won't be much of a maxima because not a lot of current
got forced down the line, IE good old E=I*Z applies, and since I is
tiny, even though Z is large E is still relatively small.

In an ideal case, E will be exactly as large as it was at the driven
end, which will also be small since it came from a low impedance source.
In the real world, E will be even less because there will be finite stray
loading on the far end which will result in the tiny current being expressed
across a lower Z (but not a *low* Z if you catch my drift) and E=I*Z still
holds, but now *both* I and Z are (relatively) low and E will be even lower.

This is really a *power* flow, and we should be looking at that.
It would make things easier to explain. P=E^2/Z, and since Z is
very high at the driven end, not much power can flow down the outside
of the outer. At the transmitter end, the low power results in a low
voltage (the voltage is at a maxima to be sure, it's just that the
maxima isn't very max, again if you catch my drift).

>>>OTOH, a 1/4-wave will be a low feed impedance at the antenna, thus
>>>lots of current will divert down toward the shack, and will express
>>>itself as a high voltage at the high impedance of the other end.
>
>Another contradiction; this paragraph says the same thing about the
>1/4 wave shield that the previous paragraph said about the 1/2 wave -
>that one end will have a higher impedance than the other. This time
>it's true, but the rest of the explanation is incorrect.

No, it *doesn't* say the same thing. In this case, the driven end
is a *low* impedance, which matches the low impedance driving source,
so it accepts lots of power, and that power expresses itself across
the high impedance of the other end as a lot of voltage.

>>>(And the other end *will* be a high impedance because the current
>>>can't penetrate the coax shield or the transmitter case to "close
>>>the loop" with the driving source.
>
>This is also incorrect. The RF voltage at the antenna is a free agent
>that is attracted to *all* conductive objects with a lower potential.

I addressed this in another post that's already circulated. See more
in the response to that. Voltage is the *potential* between two
points, it is not a current, or an energy flow, it doesn't move
around by itself. It isn't drawn to things, it is what *draws*
charges.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

508. Re: Akaline Disposal

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4ke8fi$86s@news.ccit.arizona.edu>
Source record: 203095

dnorris@k7no.com writes:
>las5s@kelvin.seas.Virginia.EDU (Lauren Schiff) wrote:
>>Hello,
>>I am currently researching alkaline
>>disposal/recycling. Our search and rescue team is located in
>>Charlottesville, Virginia.
>>Does anyone have information on alternatives to
>>disposal?
>>Thanks,
>>Lauren
>I have to admit I am intreagued by your post. Alkaline what disposal?
>Batteries? What does this have to do with Search & Rescue? I can see
>it now... You are performing a search/rescue in the mountains but your
>battery dies... Halt. Call it off. "Give a hoot-Don't pollute",
>Back to the base men/women! We must be environmentally/politically
>correct.
>C. Dean Norris
>Amateur Radio Station K7NO
>e-mail to dnorris@k7no.com

I imagine Dean has tongue firmly in cheek here? Personally I'm against this recycling stuff, seems rather environmentally risky to me. All those batteries sitting in storage for some far distant day when someone discovers a use for them.

My advice is to not worry about it. Certainly it would be very rude to leave one's trash despoiling the wilderness. Just pack it out and throw it away. I buy AA and D size Duracells for use in my SAR radios and headlamps, and routinely trow away the dead ones.

But of course, we SAR sorts often pick up trash when we're out there. I only do this when hiking out 'tho, as I've more than too much to cwrry into the mountains as it is!

Chris - N7RME

509. Re: Help on Service Monitor Recommendations!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Cliff Soderback <Cliff-s@cris.com>
Message-ID: <316AB2A5.4F56@cris.com>
Source record: 203096

Scott Rosenfeld NF3I wrote:
>
> The radio club is looking for a NEW service monitor.
>
> Spending $5,000 or so, what do you recommend???
>
> thanks!
> --
> * Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
> *** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
> * 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
> * 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

Scott:
Service monitors come with many features and directly
affect pricing. With the advent of Cell phone and trunking systems
many added expensive features were added. A used IFR-500A is about
minimal for Ham repeators. Sometimes you can find IFR-1000s for reasonable
prices. The spectrum analyzer accessory is a must. Tracking generators
are nice but not neccessary. An offset Oscillator really helps with
repeators. There are no new service monitors for under $5000 that are
really professional quality. Be CAREFUL with older equipment as mant special
parts were used and replacments are unavailble. I have had to rebuild
circuits where replacment parts could not be obtained. Try to avoid
any test equipment from the 70's, the transistors and IC's from that
era were not too durable.

Cliff, W7VVA

510. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kefrq$cso@crash.microserve.net>
Source record: 203097

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>One of these old rigs would make a fine restoration project
>if that's what you like to do, but I would definitely not
>recomend it as a beginner rig.

I couldn't agree more. The last thing a beginner needs is an antique
like this. You'll spend more time working on the transmitter than
working other stations.

73,
Jack WB3U

511. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4keeoc$14d@newsbf02.news.aol.com>
Source record: 203098

In article <4kdkph$4tm@ns.oar.net>, jaeschke
<jaeschke@cordmc.dnet.etn.com> writes:

>
>Jack:
>
>I believe that Gary has a point in that the circuit back to the
>transmitter must be (visibly) completed. To me this means that
>the current that leaves the transmitter in the center lead of
>the coax must return to the transmitter in some manner.
>Generally, this is throught the shield of the coax. If it did
>not return, then the negative charge of the electrons leaving
>the radio would leave a positive charge on the case of the
>radio.
>
>Jim
>
>

That would be the limit of validity of that point.

The return path can be either "displacement current" or conduction
current. There doesn't need to be a ground plane or opposing conductor.

Feedlines and antennas function by the same principles. An antenna is a
leaky feedline, and a leaky feedline is an antenna. Any feedline without
EXACTLY equal and opposite currents in the conductors (including coax)
will radiate and behave (to some extent) like an antenna, and any antenna
of finite length must also behave (to some extent) as a transmission line.

73 Tom

512. Re: TS850 vs TS450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: gary <tech@thereporter.com>
Message-ID: <4keel9$abm@miwok.nbn.com>
Source record: 203099

jderuite@xroads.com (John DeRuiter) wrote:
>I am trying to decide between the Kenwood TS450 and TS850. I work
>primarily DX and am primarily interested in receiver performance.
>From the specs, there does not seem to be much difference. Is the
>extra cost of the 850 worth it. I would greatly appreciate any
>comments
>
>73 and Thanks in advance
>KJ7GU, John
>
I have both, and primarily use the 450 as a mobile/RV rig because of it's smaller size. Both are very good, but the 850 definitely gets the nod as a low noise receiver, and the ability to vary the passband response really helps sort out weak signals. Good luck with your choice - you won't be disappointed with either of them!

--
Gary....KJ6Q *** I AM THE NRA! ***

513. RE: FS: IC-22A 2meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: dave.formilan@hobbs.com
Message-ID: <8BE536D.00270038BD.uuout@hobbs.com>
Source record: 203100

Z>For Sale ICOM 22A 2meter radio with crystals.

Is this unit still for sale? I sent you private email on 4/8, but didn't receive a reply.

Please provide more details as to type (HT, Base or Mobile), watts, CTCSS capable, number of channels and approximate size if either base or mobile.

It really doesn't matter to me as to type, etc., as long as it works and I can readily buy crystals for it.

How much for shipping to my QTH (NJ)?

73 de Dave KB2VNL

OLXWin 1.00a If this were an actual tagline, it would be funny.

```
.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126
```

514. ! Attention Software Authors !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: amsoft@epix.net
Message-ID: <NEWTNews.829091616.3336.amsoft@amsoft>
Source record: 203101
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna,rec.antiques.radio+phono

ATTENTION AUTHORS OF AMATEUR RADIO, SWL, AND ELECTRONIC SOFTWARE!

If your software is shareware, freeware or public domain, AmSoft would like to include your software in our publication of The World of Ham Radio CD-ROM. If you only have a commercial version you may want to think about a shareware version with registration. Most authors have had good returns on registrations from the first year of publishing thier software on this CD-ROM. If 50 users registered your program from our CD-ROM publication, what would that convert to in income for you? Please give this some thought and let us here at AmSoft know if you would like to publish your works on the AmSoft CD-ROM. If you decide to publish on our CD please upload your software to our FTP site and send me an E-Mail letter of authorization to publish your software on the AmSoft CD-ROM.

NOTE: DEADLINE FOR NEXT CD-ROM IS APRIL 29, 1996

The FTP site is HAMSTER.BUSINESS.UWO.CA directory /PUB/AMSOFT

515. Complete Shack for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: TOM GUNTZEL <ke0kb@primenet.com>
Message-ID: <316ACA1B.5F0@primenet.com>
Source record: 203102

Ham Shack For Sale

1. Icom IC-736 HF Transceiver with 6m. 100 watts all bands inc. 6 meters. Built in power supply and antenna tuner. One year old. Mint Condx. $1400.00
2. Henry 2K Classic X 80-10 meter linear. Floor model. Legal limit output on all modes with pair of 3-500z. $800. This is too heavy to ship. Pick up only or will meet someone within 600 miles half way.
3. Icom IC-229H VHF mobile 50 watt output extended receive. Excellent Condx $275
4. Alinco DR1200 25w 2m fm data radio $225.
5. Alinco ALD-24t vhf/uhf dual bander $300
6. Dentron DTR-3KA 1500 watt HF antenna tuner. $150
7. Timewave Tech DSP 59+ DSP $220
8. AEA Morsemachine Memory Keyer and a whole lot more. $125
9. KPC3 Packet Controller $80
10. Bencher Chrome BY2 Keyer Paddle $75
11. Vibroplex Brass Racer Paddle $60
12. Ham Windows Plus Control and logging software..V 3.0 for SVGA $60
13. Welz 1.6-60 mhz 2KW peak reading power meter $75
14. Yaesu ys-500 140-525 mhz power meter $75
15. GAP DX-VIII vertical antenna 6 months old with counterpoise kit,, $225
16. Heil Headset with HC4 element and ICOM and KENWOOD connectors $85
17. US Tower TX-455 55 foot crank up tower with tail twister rotor, Hygain Explorer 14 Tribander 20 foot HD mast. Heathkit HD1780 rotor controller, KLM 2m and 430 satellite antennas, Yaseu elevation rotor. And Hygain 3 element 6m antenna. All coax and controller cables included. Will separate after tower is sold. Whole package $1900. Tower with mast $950. (This setup is about 7 years old). The tower and antenna's are still standing and I will need help taking them down.

For further information contact my via email ke0kb@primenet.com or call Tom at 612-529-8966

516. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kemch$f4i@crash.microserve.net>
Source record: 203103
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>jackl@pinetrtee.microserve.com (WB3U)wrote:

>Your server has gone beserk, Jack. There are multiple copies of your
>responses out here now.

That's my fault. My server eats some posts, others it doesn't. Sometimes it eats them and then spits them out two days later. I think the worst is over, although I've noticed that some incoming posts never show up (I see the replies but not the original). I'm trying to use a public server to recover missing articles, but it doesn't always work. My apologies to everyone for the clutter.

>>The concept of 1/4 and 1/2 wave lines applies equally well to single
>>conductors. This is evidenced by the use of 1/4 wave
>>single-conductor decoupling stubs in microwave circuitry.

>No, that's different. Those stubs are part of the antenna and not
>transmission lines.

Actually, I was thinking about stubs used at the output of a mixer or driver, connected between the signal path and ground. Wes has called me to task on this point though and I think it's better left alone. The analogy may not hold, due to the proximity of those lines to a parallel ground plane.

>And because the impedance of the outside of the shield at the other
>(transmitter) end is also high (since the loop isn't closed)

No, it isn't high. I've explained this in three posts, although I don't know if you've received them all. One quotes ARRL literature which states that the impedance at the transmitter chassis isn't a high impedance point and that a 1/4 line from the antenna will detune the system for common mode current.

I basically agree with the rest of your post except for statements specifically related to this concept. We're splitting hairs on the subject of voltage; we both know what it is and what it does.

The power flow you mention does need practical consideration, but I think it's a side issue. Regardless of the total power, voltage or current can be high or low, depending on the impedance. It's those components that ultimately cause the symptoms we have to deal with.

Anyway, the transmitter chassis is not at a high impedance point in the typical ham shack. We should come back to this after you've had a

chance to read my other posts. One quotes ARRL material from the Antenna Handbook, the other is titled "The Transmitter Chassis". We won't be able to find mutual ground until we discuss the issues in those articles. No pun intended. ;)

73,
Jack WB3U

517. Re: Naughty Rude Words

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <zTR8i0AjwsaxEwrQ@g6iqm.demon.co.uk>
Source record: 203104
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

In article <4kaktk$j97@tube.news.pipex.net>, Walt Davidson
<walt@servelan.co.uk> writes
>his mother and I will need
>to consider installing a parental lock!

Sorry Walt, I just have to ask - WHERE?

Me

Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
WWW: http://www.eolas.co.uk/ag/vhfcomm.htm (hambits.htm & hamclip.htm)
WWW: http://www.clearlight.com/~vhfcomm
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

518. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kemfn$f4i@crash.microserve.net>
Source record: 203105

w8jitom@aol.com (W8JI Tom) wrote:

>Let me see if I understand this statement. Are you saying, if I
>ground the far end of a half wave antenna, the current maximum STILL
>occurs in the middle instead of the end?

This is a *very* important point.

If a 1/2 wave end-fed wire is terminated with an infinite impedance (open ended), it exhibits voltage maxima at the ends. If it is terminated with zero impedance (connected to RF ground), it exhibits voltage minima at the ends.

Between these two values, there is terminating resistance for which there will be no standing waves on the line. The value of that resistor is equal to the surge impedance (Z0) of the end-fed wire, which is in turn determined by the diameter of the wire and the spacing of the wire above ground. When it is terminated with that resistance, the source will see that resistance regardless of the length of the wire.

In this regard, the wire behaves exactly like a transmission line.

73,
Jack WB3U

519. Home Electronics Business Guide

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: horizons@comm.net
Message-ID: <horizons.5.00668937@comm.net>
Source record: 203106

The Home Electronics Business Guide is a complete guide for opening and operating an electronics business at home, in a garage or spare room. For more information, visit our home page to download our free Electronic book describing our product.
Far Horizons Publishing Company

http://home.comm.net/~horizons
KC5FCU

520. Question abt 2m ant.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: mouer@mail.ameritel.net
Message-ID: <497cc$11226.13b@NEWS>
Source record: 203107

I am planning to purchase a 2 meter portable (HTX-202) and maybe a mobile ant.

What is recommended, if it's even neccessary? 1/4, 1/2, 5/8? Is a magnetic
mount possible?
Thanks.

-Dan.

521. Kenwood TM-231A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Tom Ross <thomross@bright.net>
Message-ID: <4keoi2$oph@cletus.bright.net>
Source record: 203108

Is there anyone out there who still has a Kenwood TM-231A? I lost my manual and can't program my rig. (I haven't had it up an running for about 2 years).

522. Re: GE Master II queries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4keqsd$35o@argentina.it.earthlink.net>
Source record: 203109

martvin@ionet.net (Martin T. Vinson) wrote:
>In article <46e_9604070134@woodybbs.com>,
>Chris.Boone@106-4267.woodybbs.com says...
>>
>>> What IF does the Mastr II use? The Mastr Exec/Custom MVPs I've
>>> tinkered with use a single 11.2MHz IF - my Murata catalog doesn't
>>> list anything quite like this ;-).
>>The MSTR II is the same rcvr as the EXEC II and MVP in most respects..
>>it is also a 11.2 IF ...
>>
>>11.2 for UHF/VHF, 9.4 Mhz. for Lowband (30-50 Mhz.) and 800 Mhz. radios.
>KN6UG.
>
>
Not entirely...the low band is split between 9.4 and 11.2 depending on
the band split of the radio...

For a GE MSTR II/EXEC II/MVP on 25-30 and 36-42 Mhz, its a 11.2 IF...for
the 30-36 and 42-50 Mhz versions, it 9.4 Mhz....all of them being high
side injection (LO= RF+ IF) and Freq/3 on the xtal freq of the LO

Chris
WB5ITT
(work on them for a living)

523. Re: TS850 vs TS450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: FCFB17A@prodigy.com
Message-ID: <4keqm5$1kk0@usenetw1.news.prodigy.com>
Source record: 203110

I have both the kenwood TS690 and the TS850. I like both but have to
agree that the TS850 is the way to go. Manufacturer specs don't mean much.
The QST/ARRL LABS test reports are much more meanigful. They found the
TS850 to have one of the very best recievers they ever tested - right
there with the FT1000D. As the other owners had mentioned the slope
tuning is a godsend on crowded bands. Good luck! --- Steve N9ROU

524. Re: WANT: RPTR MOD for GE MVP mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4ker10$35o@argentina.it.earthlink.net>
Source record: 203111

I have the mods and will post them here for you OR email them...your choice...

Chris
WB5ITT

444.5 Beaumont (MVP rptr since 1988)

525. Re: Viking Ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <316B0D8D.51DD@worldnet.att.net>
Source record: 203112

I should have been more explicit. I am trying to determine a fair asking price for a friend who wants to buy one from another friend. I think the Ranger has a slight modification. A pot was installed on the front panel but isn't connected to anything. No other mods. Cosmetically in good shape and functional.

Bob K4LXA

526. Re: The Perfect CW Station

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kf2tr$jik@crash.microserve.net>
Source record: 203113

a313@Lehigh.EDU wrote:

>For all the OO's out there... Yes I do have a regulated B+ line so
>you can quit putting that cure on the notices :-}

I still remember the OO notice I got as a Novice. Seems like my homebrew transmitter didn't like the doubler coils. It worked fine on 80M, but my 40M sig was a capital offense. ;

If you're looking for a nice CW rig, I've heard the Omni 6 is hard to beat.

73,
Jack WB3U

527. Voices cruising in the air

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: heli@wakkanet.fi
Message-ID: <4keg34$q92@freenet.hut.fi>
Source record: 203114
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc

Has anybody ever heard a possibility to talk direct to somebody's ears/head from 200 kilometers away? What kind of equipment is needed for that? What kind of transmitter and receiver you would need for that to suprise somebody totally? The receiver at least should be as small as possible and not to notice easily.

What about radio waves genarally? What you need to catch them from the air? How is the right frequency adjusted? What kind of traffic in the air is possible to follow? Are there frequencies that are not allowed to listen. How is that prevented?

#(:-) Heli-muori #(.-) -62 #(;-) heli@wakkanet.fi #(%-D +358 21 2407080 #(|-Q

528. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kf3ma$9ib@newsbf02.news.aol.com>
Source record: 203115

In article <4kemch$f4i@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>Anyway, the transmitter chassis is not at a high impedance point in
>the typical ham shack. We should come back to this after you've had a
>chance to read my other posts. One quotes ARRL material from the
>Antenna Handbook, the other is titled "The Transmitter Chassis". We
>won't be able to find mutual ground until we discuss the issues in
>those articles. No pun intended. ;)
>
>73,
>Jack WB3U

The typical HF transmitter case is not a high impedance in a car either,
or on the second floor, or anywhere except maybe sitting by itself on a
wooden picnic table. Of course the power supply would have to be a battery
sitting right against the rig!

73 Tom

529. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4kf2q5$a30@kaiwan.kaiwan.com>
Source record: 203116

Robert,

Don't forget that MOTOROLA is a international company.

Band-plans, from country to country do varry. In most countries, type acceptance means nothing but higher cost.

Tony
WA6IGJ

Robert H�yvald <72242.477@CompuServe.COM> wrote:

>If making modifications to allow extended rx/tx on amateur radio
>is illegal then why is motorola allowed to sell comm. radios that
>tx in the amatuer bands (146-174) ???

530. GE Mods... - gemods.zip (1/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4kf2qk$a30@kaiwan.kaiwan.com>
Source record: 203117
Body handling: Inline uuencoded payload not displayed: gemods.zip

Try some of these?

Tony
WA6IGJ

mfp@aros.net (MPeterson) wrote:

>Please email the MOD for our group..

>or let us know where to send a sase and some copying funds...

>Marc
>KB7YJJ
>Rocky Mtn. Radio Assn.

[Inline uuencoded payload not displayed: gemods.zip]

531. Help me, do linears need antenna tuners ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4kepj5$6q4@oskgw.osk.sony.co.jp>
Source record: 203118

Hi:
I am looking for some advice.
I plan on purchasing a linear amp. I am using an R-7
with under a 1:2 SWR match on all the bands I intend
to use. If I try to use a tube type linear, will the linear's
pi or pi-L matching section be adequate or will
an external antenna tuner be necessary. Currently, my
HF rig is connected to the R-7 with 8D-FB(I think it's
about equivalent to low loss double shielded RG-8).
Furthermore, I have a Bencher low pass filter, in the event
that I have to use an antenna tuner after the linear, should
the LPF be before or after the antenna tuner.(I assume that the
LPF is looking for 50 ohms termination)

Peter

532. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Grant Youngman <nq5t@gte.net>
Message-ID: <316B2828.5261@gte.net>
Source record: 203119

Gary Coffman wrote:

> Your aquaintance is a joker.

Well, maybe not

>This rig is affectionately
> known as a boatanchor. It is a very large, very heavy
> all vacuum tube

Yes, but that doesn't make it a bad transmitter.

> These old rigs can sound good on AM,

That's where the best people in ham radio are -- on AM

> dirty with respect to TVI and your neighbors won't be very
> happy with you.

Dirty is a bit of an overstatement. The Viking II is very good in the TVI supression department

>Also some of the tubes are getting harder
> to find and are becoming expensive.

Nothing in the Viking II is rare, hard to find, or expensive

Since there isn't a
> lot of AM activity on the amateur bands these days, the
> phone contacts you will make will be limited to other
> nostalga buffs who like to play with this old equipment.

Like I said -- the best people in ham radio are on AM :-)

> if that's what you like to do, but I would definitely not
> recomend it as a beginner rig.

Seems to me this WAS pretty much a beginner rig in its day. Are we suggesting that today's beginners aren't up to the level of, say, beginners in the 50's ???? I guess today's beginners aren't capable of doing much but opening the box and plugging the plastic radio-thingy found there-in into the wall? Is more than one knob too many?

Affectionately ... Grant/NQ5T

nq5t@gte.net
http://home1.gte.net/nq5t/index.htm -- wherein lie REAL radios

533. WTB: TenTec Hercules II Amp & PS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Steve Zettel <zettel@libby.org>
Message-ID: <316B470B.5E83@libby.org>
Source record: 203120

Want to buy a TenTec Hercules II (Model 420) HF amplifer. Matching power supply as well, though not absolutely necessary. Excellent condition equipment only, please.

Steve Zettel
kj7ch@libby.org

534. DSP UNITS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BE52ED.00270038C0.uuout@hobbs.com>
Source record: 203121

To: Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Subject: DSP UNITS

>I have the Radio Shack DSP model 21 I think, I think it works fine for CW.
>I can pick out some sigs buried in the novice portion of 40m at night with it
>and it is very easy to set up and VERY easy to use. Mostly plug and play.

Maybe you can help me with this question: there is a delay between the
signal that goes into the unit and that which comes out. When you are
sending CW, does that "mess up your timing" (if you send and hear the
signal slightly after you close the key?)

OLX 1.53 --------------> 73, de NK2U <----------------

--- PCBoard (R) v15.22 (OS/2) 2
* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo00000o http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

535. 220Mhz Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BE52ED.00270038C1.uuout@hobbs.com>
Source record: 203122

To: goose@atlantic.net
Subject: 220Mhz Equipment

G>I'd like to purchase some 220 equipment of my own, but can't seem to
>locate any. Can anyone give a recommendation as to what to purchase or
>even from where... I know I can buy 200 equipment at a hamfest, I was
>looking into new equipment.

I know that there is a mobile unit made by ICOM, the IC-38A and an HT
from ICOM, the IC-03AT.

Personally, I find that the IC-38A is a bit limiting with the memory
arraignment but you might be able to work around it if there are not too
many different PLs being used in your area.

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

536. Montreal area Hamfest

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Mark Hillier <Mark@HVWTech.com>
Message-ID: <4keng2$nuu@stills.pubnix.net>
Source record: 203123

The West Island Amatuer Radio Club Inc. has is spring Hamfest this Saturday (April 13th) in Montreal. Info:

http://www.pubnix.net/wiarc

or email to:

Hamfest_info@HVWTech.com

de VE2HVW

537. TM-231A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-09 00:00:00 UTC
From: Tom Ross <thomross@bright.net>
Message-ID: <4kcea9$fo9@cletus.bright.net>
Source record: 203124

Does anyone out there still have a Kenwood TM-231A. I just got mine back after being repaired (it was out of service for a couple of years). I have lost my manual and can't remember how to program the thing! I need to get a hold of a manual.

538. Beldon 9913

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Scott Ryan <crtoy@fyiowa.infi.net>
Message-ID: <4kgoto$6vm@nw002.infi.net>
Source record: 202962

Where can I buy (mailorder) Beldon 9913? I have heard that it is the best for long runs & that it is expensive. How much a foot?

539. Re: Help with older FT-530?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: parkin@Eng.Sun.COM
Message-ID: <4kgp4s$bom@engnews2.Eng.Sun.COM>
Source record: 202963

I had exactly the same problem with my FT-530. You need to upgrade the VCO
at Yaesu. It will cost $50.00. I sent mine in but haven't got it back yet.
It takes about 3 weeks. Just send it in to Yaesu service center with a note that
you want the VCO upgraded and you understand it will cost $50.00. Include your
name, address, & phone number.
Don't call and ask them about it? They will say they don't do VCO upgrades.
However when I called John Lynn (head of Customer service) he said they will do it.
Thanks to Kevin (wd6dih) for this info and John's name.

Mike

540. Re: RS-232 to TTL interfaces ...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: jpardue@communique.net
Message-ID: <4kgsdb$dks_001@msy4.Communique.Net>
Source record: 202964

In article <4kgmk9$ou8@tetsuo.communique.net>,
tony@gcr1.com (Tony Salvador) wrote:
>If you are thinking about using you PC to control
>you ham rig check out my page and the FT-736R CAT
>section. The unit shown is usable on all rigs that
>require a RS-232 to TTL level converter to control
>the rig. Kits include all connectors needed for
>connection to Kenwood, Yaesu or Icom rigs and as
>well as others.
>
>Check it out ...
>
>http://www.gcr1.com/n5gpi/
>
>73,
>N5GPI

Tony,

The web link for CAT-GPI Beta 1.0 is aparently not valid. When tried, it reports "/n5gpi/cat-gpi.zip/ invalid, check links again". Check your home page again.

I'll try the page link again in a few days. Maybe you will have had a chance to fix it by then.

73, Joe, KK5SQ

541. Re: Beldon 9913

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Cliff Soderback <Cliff-s@cris.com>
Message-ID: <316BF787.700A@cris.com>
Source record: 202965

Scott Ryan wrote:
>
> Where can I buy (mailorder) Beldon 9913? I have heard that it is the
> best for long runs & that it is expensive. How much a foot?

Scott:
Beldon 9913 is inexpensive, but it has some serious drawbacks.
First: it requires special connectors because the center conductor is slightly larger(9 gauge) than RG-8.

Second: Mechanically 9913 is rather poor. The outer braid is VERY fragile and makes poor connection to the connectors. I have used 9913 for several years and even with the supposed improved connectors have had connections break. The inner conductor is not located very well with the small plastic string and is uneven in its impedence.

The LMR series of cables are much better mechanically and are availible at most 2-way suppy houses.

If you need good transmission line use any of the available hardlines, they cost a little more for the cable and connectors but in the long you will have better connections and lower losses.

Cliff, W7VVA

542. Re: The Transmitter Chassis (Was MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr10.174106.9593@ke4zv.atl.ga.us>
Source record: 202966
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kcftv$iuo@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
>The discussion regarding artificial grounds and coax shield currents
>has raised a related issue that I think is widely misunderstood.
>
>First, it was stated in the other discussion that feedline currents
>radiate because they are unable to enter the transmitter and return to
>their source. I have disputed this because there are many openings
>and pathways into the typical transmitter for current flowing on the
>outer chassis. If the current is attracted to the inner chassis, and
>it appears that it is, it can find a way in. The evidence of this is
>that RF in the shack often causes the internal workings of the
>transmitter to malfunction. In addition, removing the cabinet of the
>transmitter will typically have little or no effect, good or bad, on
>the RF in the shack.

Any shielding that lets RF in, must also let RF out. Now I don't
know about you, but I'd be real upset with a transmitter that
leaked a lot of RF into the shack (if it did, I wouldn't *care*
if RF also came back down the feedline because I'd already have
a "hot" shack). So I'd suggest that any leakage either way is going
to be minute, which implies that the pathway through the shielding
is a very high impedance. If this weren't so, you could never get
a repeater to work since the transmitter RF would bypass the duplexer
and go directly into the receiver by the cabinet to cabinet path.
To get a repeater with -120 dbm sensitivity, those chassis had
better be cold on the outside, and they are, and they don't
require an Earth connection for that to be so either, as my
repeater located 970 feet above Earth testifies.

>For purposes of this discussion, assume we have a 100 watt HF
>transmitter and that the cabinet has been removed. Also assume that
>the transmitter has an internal power supply and that the supply is
>fed with a 2-wire 120 VAC line cord. Other than two feedthrough
>capacitors and perhaps a pair of small series RF chokes, there is
>nothing between the line cord and the primary of the power
>transformer. A 50 ohm shielded dummy load is attached to the output
>of the transmitter.
>
>The transmitter just described is an RF generator that is matched to
>its load. One output terminal is the center pin of the SO-239 jack at
>the rear panel. The other output terminal is the flange around that
>pin. If the transmitter is keyed, the center pin of the jack will be
>"hot" with RF. However, the flange and the chassis of the transmitter
>to which it is bolted will not. If a low-capacitance oscilloscope is

>grounded through a good RF earth ground at the frequency of operation,
>it will be discovored that the voltage on the center pin is close to
>the calculated value (E = sq root (P*R)) and that the voltage
>everywhere on the chassis is a very low value. This can be further
>verified by the fact that touching the center pin will cause a burn,
>but touching the chassis will not.

The inner pin will be hot, and the *inside* of the connector shell
will be hot. The *outside* of the shell, and the *outside* of the
chassis, will not be hot. This is shown by the fact that even a
low capacitance scope probe is sufficient to load the outside of
the chassis to a value very near the scope reference, IE scope
"ground". There is no need to involve Earth.

Lets allow that the transmitter is operating at 144 MHz where the
scope won't be connected to Earth with a low impedance path via its
third wire. Your measurements don't change, as anyone troubleshooting
a Micor can attest. So Earth isn't the magic here. Any coupling to/from
Earth for either the scope or the transmitter chassis will be high
impedance, yet the outside of the chassis still reads "cold" when
loaded with a low capacitance 10X scope probe. Why is that? Because
there is very little RF current flowing on the *outside* of the
chassis. Put the covers back on, and there will be virtually none.

>Now, considering that the AC voltage at the two output terminals of an
>isolated generator will be equal amplitude and opposite phase, how can
>the preceding be true? Shouldn't the flange of the connector (and
>thus the chassis of the transmitter) have the same RF voltage as the
>center pin? The answer is yes, it should, and if we perform the same
>test with a solid-state mono *audio* amplifier, we would find that the
>AF voltages on the chassis and on the "positive" output terminal are
>in fact nearly identical.

Yes, at *audio* frequencies, where *skin effect* doesn't come into
play, this is true. But at RF, where skin effect does come strongly
into play, the signal on the *inside* of the connector shell can't
get to the outside of the connector shell, or the outside of the
chassis. The thickness of those parts is several skin depths, so
their insides and outsides are isolated from each other.

I deleted the rest of your argument because it is premised on the
outside of the chassis being at the RF potential of the inside of
the chassis, which it isn't. If it were, you could take a transmitter
up in a balloon and draw arcs from either the antenna or the chassis
since there's no nearby Earth to unbalance it and make the outside
of the chassis cold. But you can't. The chassis is still cold up there
far from Earth too. But you *can* draw an arc from the end of *either*
leg of a dipole fed by that transmitter, showing that both the inner
and the *inside* of the outer of the coax are hot.

Gary
--

Gary Coffman KE4ZV | You make it, | Due to provider problems
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534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

543. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr10.181641.9766@ke4zv.atl.ga.us>
Source record: 202967
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4ke71i$a2f@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> n7ws@azstarnet.com (Wes Stewart) wrote:
>>jackl@pinetree.microserve.com (WB3U) writes:
>
>>>Yes, that's what I was thinking of - a single 1/4 wave long
>>>conductor connected between (for example) the signal path and
>>>ground. Doesn't that qualify as a single conductor line?
>
>>Not in my mind. The fields exist between the line and the ground
>>plane(s) and cannot exist without them. Therefore, the "second"
>>conductor(s) must be there.
>
>Maybe this was a bad analogy. What if the 1/4 wave line is formed
>into a half turn loop (like a hairpin) that's perpindicular to the
>ground plane?

Then you obviously have two wires don't you? (both legs of the hairpin)
The key point to grasp is that you can't have a naked potential. There
must be *two* points to have a potential because that's what a potential
is, the work function difference between two points, IE

V=Q/(4*pi*eo*r)

That says that voltage (potential) is proportional to charge and
inversely proportional to distance, r. If r goes to zero, V becomes
undefined. So you need two separated points to have a potential.

Now F=-Q*E, where Q is charge and E is the field intensity, and
Vab=-integral from a to b of E*dI=W/Q, so a voltage is also a
Joule/Coulomb, IE a *force* per unit charge. For separated charges,
we have a force times a distance, which is *work*, so the potential
difference in a system is the work needed to move a charge from
point A to point B. Now a moving charge is a current, I, so a
voltage between A and B is the *potential* to move a charge from
A to B, IE create a current flow.

Eliminate B, and there is no longer a potential, and no longer
a current flow. Now a voltage difference forms a conservative system,
charge must be conserved, so we have Kirchhoff's law demanding the
current loop be closed with the same amount of current flowing out
and in the points while the voltages must sum around the loop to zero.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems

Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

544. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr10.182937.9864@ke4zv.atl.ga.us>
Source record: 202968
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4ke5il$ld8@news.service.uci.edu> jwkelley@e4e.oac.uci.edu (James W. KELLEY) writes:
>In article <4kaua0$2vm@crash.microserve.net>,
>WB3U <jackl@pinetree.microserve.com> wrote:
>>
>>Gary, no offense, but this couldn't be more ambiguous. Voltage is
>>attracted to all unlike voltages.
>>
>>Also, unless you believe that a charge on an object is imaginary,
>>voltage is indeed a substance. It is the "essential nature" of
>>the objects under discussion. We can feel it, we can see its effects,
>>and we can measure it.
>>
>>73,
>>Jack WB3U
>
>Ben Franklin couldn't have said it any better!

Except that Ben did say it better. He knew that only *charge*
moves, and voltage is what moves it. I expanded on this in
another post, complete with math. We cannot feel voltage,
we can feel currents driven by a potential difference (voltage).
We can't see voltage, we can only see the current flow (spark)
caused by the potential difference. And we can't measure voltage,
we can only infer its presence by measuring the current flow
it causes through a meter movement. All we can directly sense is
charge and its flow, just as we can sense a falling rock. We
can *infer* that something is making it fall, in this case
a gravitational potential, and infer the value of that potential
by the acceleration of the rock, but we can't alter or move
or measure the potential directly.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

545. WIRELESS PROBLEM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: ei94103@ios.chalmers.se
Message-ID: <4kgidi$smd@nyheter.chalmers.se>
Source record: 202969

Can anyone help us!!!!

I want to build a FAST wireless communication, using RF-
transmittors/recievers in UHF (IC level).

Specifications: recognize a serie of 10 pulses in less than
5u seconds.

I need some hints and tricks to get started.

Please mail me: ei94103@ios.chalmers.se or
ei94101@ios.chalmers.se or
bjorklun@cd.chalmers.se or
daffy@cd.chalmers.se

thanks

546. Re: WANTED...R-390A Meters...Can Anyone Help Me??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4kguja$aok@news1.sunbelt.net>
Source record: 202970

><SEREIKAS@worldnet.att.net> wrote:

>> Hi,
>> Thanks for reading this posting. I am looking for the original
>> meters for a R-390A Receiver(One is the "Carrier Level" meter
>> and the other is the "Line Level" meter). If anyone has one or
>> both of these meters or knows where I can find them, please let
>> me know.
>>
>> Thanks alot,
>> George
>> KC2MF
>> sereikas@worldnet.att.net
==========
Fair Radio Sales (somewhere in Ohio) has a pretty good assortment of
parts for the R-390/A receivers. Did you try them? E-mail me if you
need their phone nr.

Jerry W4UKU flanders@groupz.net

547. Re: 2N2156 transistor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4kguq9$n5e@news.ccit.arizona.edu>
Source record: 202971

Colin Schmutter writes:
>I am looking for a source for 2N2156 transistors.
>If these are unavailable what would be an equivalent?
>Any help would be appreciated.
>Please reply to cschmutter@bcit.bc.ca
>Colin
>VE7CQH

I ran this part number thru my ECG, NTE and SK cross reference programs.
Here's what comes back:

2N2156 = ECG213 = NTE213 = SK3012 = PNP Germanium/Hi Current/Power/TO-36.

Good luck,
Chris - N7RME

548. Re: Viking Ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: "Tom V. Pfaffenbach" <tvpfaffe@mail.delcoelect.com>
Message-ID: <4kh6au$3kj@kocrsv08.delcoelect.com>
Source record: 202972

In 1958 the Viking Ranger sold new as a kit without tubes for 189.50. As I recall it could be purchased factory wired for $229.00. In 1968 I bought one used for $50.00. Back then it was just an "old" radio. Today it is probably classified as a "nostalgia" item. If it has been taken care of all of these years it should still look fine and and work excellently. It may be worth considerably more than the "old" radio price. It is a fine, durable, AM & CW transmitter,with excellent audio quality. I had mine on the air last winter on 160 meters with a local AM nostalgia net. It is still a lot of fun. It is worth what you can get! Caveat Emptor - let the buyer beware.

73 de K9JDU

549. AEA DSP 232

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: EJVJ40A@prodigy.com
Message-ID: <4kh7rm$15pa@usenetp1.news.prodigy.com>
Source record: 202973

I have had my DSP 232 for about two weeks and I cannot seem to xmit or receive in ASCII or BAUDOT has anyone experience this problem? According to DAVE KB7DCD at AEA Tech Support they are unaware of any problems. I'm ready to take it back unless I can solve it.

73 GEORGE

N1JGE

550. Re: Kenwood th-79a Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: cliffor1@ix.netcom.com
Message-ID: <4kgp7a$7ml@dfw-ixnews2.ix.netcom.com>
Source record: 202974

In <Pine.OSF.3.91.960407210625.27394D-100000@biggulp.callamer.com> Steven Smith <smsmith@slonet.org> writes:
>
>I'm currently having a similar problem with my 79a. When I turn it on the

>display is dim. (batt fully charged) If I wait 60 + seconds and turn it
>off and then back on it comes up full brightness and stays that way.
>
>On Sun, 31 Mar 1996, Rich Papa wrote:
>
>> I have noticed that recently, when I first switch on my unit, the LCD
>> display, when I press the PTT key, will fade by around 50%. This will
>> last for around 3-5 short transmissions (usually 5 seconds or less).

>> After that the LCD display seems to no longer fade when transmitting.
>> Has anyone else had any similar experience.
>>
>> Rich
>> N1VAJ

I have talked to customer service at Kenwood. If it is not a low nicad battery problem, it may be the mounting of the LCD itself. If you are confident in opening your radio, make sure that the LCD is seated properly to make a good contact.

If you have any doubts at all, send it in under warranty and the Kenwood techs will do it for you.

551. WTB: TenTec Hercules II HF Amp & PS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Steve Zettel <zettel@libby.org>
Message-ID: <316C1333.6375@libby.org>
Source record: 202975

Wanted: TenTec Hercules II (Model 420) HF solid state amplifier and
power supply. Excellent condition equipment only, please.

Thanks,

Steve Zettel
kj7ch@libby.org

552. WTB Standard C-508A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: amico@abest.com
Message-ID: <4kh7ci$r50@news.abest.com>
Source record: 202976

If you have one to sell, email me.
Thanks.
Alex.

553. Kenwood HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: amico@abest.com
Message-ID: <4kh7eg$r50@news.abest.com>
Source record: 202977

Does anyone know of a Kenwood dual-band HT sold overseas which
looks like a "flip-phone"

Alex

554. Re: Naughty Rude Words

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: walt@servelan.co.uk
Message-ID: <4khb6p$5uj@tube.news.pipex.net>
Source record: 202978
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

Michael J Wooding <vhf-comm@g6iqm.demon.co.uk> wrote:

>>his mother and I will need
>>to consider installing a parental lock!

>Sorry Walt, I just have to ask - WHERE?

On his mouth, preferably!

73 de G3NYY

--
Walt Davidson E-mail: walt@servelan.co.uk
100523.1414@compuserve.com

555. CB MODS NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: qwick@interaccess.com
Message-ID: <4kh9op$mod@nntp.interaccess.com>
Source record: 202979

I need mods for the following:
Uniden 66
Ranger 2950
Cobra 29 23-channel
and most important.. Midland ??? a cheapy from walmart
Any other info on linears or amplifiers would be of great help too.
Thanks

556. Unlawful reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: kadow@komondor.cig.mot.com
Message-ID: <4khdil$iqj@newdelph.cig.mot.com>
Source record: 202980
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc,alt.radio.scanner,rec.radio.scanner

BTW, I am one of the people who originally pushed for the creation of the alt.radio.scanner newsgroup when the rec.radio.* regulars were opposed to the creation of rec.radio.scanner, which eventually passed a couple years later.

In article <4keg34$q92@freenet.hut.fi>, Heli Maki <heli@wakkanet.fi> wrote:
>What about radio waves genarally? What you need to catch them from the
>air? How is the right frequency adjusted? What kind of traffic in the
>air is possible to follow? Are there frequencies that are not allowed
>to listen. How is that prevented?

In many parts of Europe and 'authoritarian' countries in general, it may in fact be illegal to own and/or operate radio _receivers_ capable of operating on certain bands.

In the USA, it is unlawful to import or manufacture a radio receiver capable of intercepting cellular telephone frequencies- there are also restrictions on the interception of cordless phone conversations.

Until these laws were passed, all radio transmissions were fair game- the only limitation being that in some instances (such as police broadcasts) it was illegal to retransmit or otherwise convey the content of the conversation to others. E.g. you can listen in, but you can't transcribe what you hear and tell your friends.

557. WTB: DUAL band: Kenwood/Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: ver65osc@email.sjsu.edu
Message-ID: <ver65osc-1004961438200001@physlab2.sjsu.edu>
Source record: 202981
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I am looking for a dual band. Prefer either a Yaesu FT-51R or Kenwood TH-79.

Would like a package deal. The programable speaker mike would be real nice :)

Let me know,

Me

558. Wanted Narrow CW filter for the FT101z Mk2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <Dpo3IG.CDo@cix.compulink.co.uk>
Source record: 202982

Wanted Narrow CW filter for the FT101z Mk2
Does anyone have one of these for sale, new or second hand?

I am in London, England,

Steve, G7VFY, Tel (0)956-544202.

559. Re: TS850 vs TS450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: cph@zurich.ai.mit.edu
Message-ID: <cph.829181344@slip-cph.lcs.mit.edu>
Source record: 202983

From: jderuite@xroads.com (John DeRuiter)
Date: Mon, 08 Apr 1996 21:53:58 GMT

I am trying to decide between the Kenwood TS450 and TS850. I work primarily DX and am primarily interested in receiver performance. From the specs, there does not seem to be much difference. Is the extra cost of the 850 worth it. I would greatly appreciate any comments

I have had an 850 four two years now, and I love it. I looked closely at the 450 when I was making my decision, and concluded that the 850 was a much better radio, for only a little more money.

The quick story: the 850 has a fine receiver. Before the most recent crop of $3000+ DSP radios came out, the receiver on the 850 was as good as anything else available (possibly excepting the OMNI VI). Additionally, the 850 is a superb radio for CW work (my primary interest).

The receiver in the 450 is not nearly as good. See the QST review for details, but basically there is a problem with intermod -- the receiver's intermod performance is quite a bit worse than the figures would indicate.

Finally, I second the comment someone else made regarding the slope tune -- this is a wonderful feature and worth the extra money all by itself.

560. Re: GMRS Repeater Linking ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4khh4p$hiu@news.service.uci.edu>
Source record: 202984

In article <4k6lif$1218@useneta1.news.prodigy.com>, MKWS78A@prodigy.com says...

> Is it legal to Link GMRS repeaters? I so how would you link them when
> your only assigned UHF frequencies. Unlike Ham bands you can link
> VHF to UHF . Any help appreciated.

> Bill MKWS78A@prodigy.com

Technically speaking,
they can be linked via phone lines.

Brian

561. WTB: cheap TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: sam@lad.stanford.edu
Message-ID: <4khhbr$ljq@nntp.Stanford.EDU>
Source record: 202985

I'm looking to buy an inexpensive TNC that would work with an Icom 2AT.
If you have one for sale, write to me with description, condition, and
price.

sam@lad.stanford.edu

562. Re: FT-50R (press release)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-1004961903400001@va-dyn29.iphase.com>
Source record: 202986

In article
<wcollins-0504962128200001@user-168-121-69-102.dialup.mindspring.com>,
wcollins@mindspring.com (William Collins) wrote:

> Howdy everyone,
>
> I saw an ad for the new Yaesu FT-50R and wonder if anyone has any info on
> it or has used it yet. Thanks in advance
>
> --
> Regards,
> William Collins
> Atlanta, GA
> wcollins@mindspring.com

from www.yaesu.com (excuse the formatting)

YAESU ANNOUNCES THE NEW FT-50R DUAL-BAND HANDHELD

Yaesu announces the latest in dual-band handheld technology with the
release of the new FT-50R Dual-band handheld transceiver. This engineering
achievement offers features never before found in this small palm sized
handheld radio, rugged weather resistant construction with a full 5 watts
of power output. Exclusive INDUSTRY-FIRSTS found only in the FT-50R
dual-band will
enhance your operating pleasure. Super wide-band Receive coverage to 999*
MHz, Keyboard or PC Programmable, Rugged MIL-STD 810 Rated, CTCSS and DCS
(Digital Coded Squelch), distinguish Yaesu as the world leader in amateur
radio products.

FT-50R FEATURES

Super Wide Multi-band Receive for the scanning enthusiasts 76-200,
300-540, 590-999* MHz
(*Cellular blocked)

3-Selectable Rx modes AM, FM-Narrow (N1), FM-Standard (N2).

Rugged MIL-STD 810 Rated for Shock and Vibration.

Auto Range Transpond System (ARTS) uses DCS to automatically poll other
stations, indicating if they are within simplex range.

Digital Coded Squelch (DCS) is used in the commercial industry, DCS
provides 113 unique codes in addition to the standard CTCSS tones.

112 Memory Channels each stores offset, CTCSS/DCS & power output level.

Alpha-Numeric Display up to 4 characters may be used to name each memory channel.

Digital DC Voltage Display monitors current battery voltage.

Full 5 Watts Power Output with 4 selectable power levels.

(FT-50R available in both 2 and 5 watt versions).

Automatic Tone Search (ATS) scans for DCS and CTCSS* tones. (*w/ FTT-12 installed)

Receive and Transmit Battery Savers built-in.

ADMS-1C Windows PC Programmable (available June 1996)

Direct FM improves voice quality and permits DCS operation.

High Audio Output new technology and high efficiency speaker design produce super loud audio output.

Keyboard and Menu Programming allows for simple FT-50R operation.

73
KC5SXA

563. Re: Unlawful reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4khgk6$pne@abyss.West.Sun.COM>
Source record: 202987
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc,alt.radio.scanner,rec.radio.scanner

In article <4khdil$iqj@newdelph.cig.mot.com>,
Kevin Kadow <kadow@komondor.cig.mot.com> wrote:
>
>In the USA, it is unlawful to import or manufacture a radio receiver capable
>of intercepting cellular telephone frequencies.

This is not true. It is unlawful to import or sell a scanning receiver;
scanning receiver in this context means 4 or more channels. You can
build a receiver that doesn't scan and the ban wouldn't apply.

This is off the top of my head after reading Part 15 a few months ago.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

564. National HRO wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4khh1f$ci0@news2.ios.com>
Source record: 202988

Looking for and excellent to mint National HRO receiver. Can you help? Dick Doremus

565. National HRO wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4khh2q$ci0@news2.ios.com>
Source record: 202989

Looking for and excellent to mint National HRO receiver. Can you help? Dick Doremus

566. Re: DSP UNITS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <316C5B13.FF@aloha.net>
Source record: 202990

Signal delay and CW sending

Yes, it is very difficult! Best to turn off the rig sidetone and listen to your keyer. The JSP DPS units have a transmit delay defeat feature; the DSP is disabled by a signal from the keyer to the DSP unit, or maybe it is from the rig, but anyway, the idea is to defeat the delay while you are transmitting by shoring out the DSP path.

73, Jim, AH6NB

567. I built a Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <316C5796.28D2@aloha.net>
Source record: 202991

I built up a Viking II from the kit; it was April 1952, while I was anticipating graduating from High School in a couple of months. I had been using WW II surplus ARC-5 stuff on 40 CW since late 1950 as W6KPI. The Viking kit and manual were far superior to any of the later Heath Kit rigs. And the Viking was built like a tank, and with better TVI shielding than any of the moderen rigs! Because we were very afraid of TVI in the early 50's as TV sets were terrible in that regard. I initially was rock bound on 40, ie used crystals to set the frequency until I could save of the 39.95 for the Viking VFO kit, which was also very well done and fun to build. I built up the Viking II in exactly 40 kit building hours, as I kept track of the time in the assemably manual as I went along; a habit I carried on into my 37 year EE career in industry in my engineering notebook.

If I ran into a clean Viking II now, I just might buy it for nostalgia sake. I sold mine shortly after getting married a few years later, but did also build up the Viking Ranger kit; but I was disappointed in it compared to the Viking II.

73, Jim, AH6NB

568. ic-2 mods and accessories wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Louis Roberts <lbr@cris.com>
Message-ID: <316C798B.25C2@cris.com>
Source record: 202992

does anyone have any mods or accessories for icom's IC-2?
lbr@cris.com

thanks.

569. Re: Beldon 9913

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Cliff Soderback <Cliff-s@cris.com>
Message-ID: <316C7240.5D0D@cris.com>
Source record: 202993

Chris Weddle wrote:
>
> Cliff Soderback <Cliff-s@cris.com> writes:
> >Scott Ryan wrote:
> >>Where can I buy (mailorder) Beldon 9913? I have heard that it is the
> >>best for long runs & that it is expensive. How much a foot?
> >Scott:
> >Beldon 9913 is inexpensive, but it has some serious drawbacks.
> >First: it requires special connectors because the center conductor is slightly
> >larger(9 gauge) than RG-8.
> >Second: Mechanically 9913 is rather poor. The outer braid is VERY fragile
> >and makes poor connection to the connectors. I have used 9913 for several
> >years and even with the supposed improved connectors have had connections
> >break. The inner conductor is not located very well with the small plastic
> >string and is uneven in its impedence.
> >The LMR series of cables are much better mechanically and are availible at
> >most 2-way suppy houses.
> >If you need good transmission line use any of the available hardlines, they
> >cost a little more for the cable and connectors but in the long you will have
> >better connections and lower losses.
> >Cliff, W7VVA
>
> Interesting evaluation. I used a Belden 9913 equivilent sold by Pasternak
> under their name for a variety of things, and have been very pleased with
> it. I bought a 500' roll for $182 on sale about 2 years ago. I am curious
> what connectors you are refering to as being poor choices with this cable.
> As all my applications have been VHF, I've been using silver/teflon PL259
> connectors. These go together very nicely. Will be putting up some VHF/UHF
> antennas on the house this spring and expect to use this cable for it. Some
> of these antenns will be rotatable beams, so pigtails of RG213 are planned
> for the flexibility concern.
>
> Chris - N7RME

Chris:
I have found NO "N" connectors that gave satisfactory results, due
to mechanical problems. Some of the PL-259 types have larger holes in the
center pin than others. On the smaller ones the center conductor of the
9913 is too large to fit without some modification. When using 9913 outside
be sure that the connectors are taped and water tight. The water can literally
fill the transmission line. The problem on the connectors is that the outer
braid is so flimsy that very little of it comes in contact with the connector.

Cliff ,W7VVA

570. Re: Beldon 9913

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <316C55AC.78A6@mail.rust.net>
Source record: 202994

Scott Ryan wrote:
>
> Where can I buy (mailorder) Beldon 9913? I have heard that it is the
> best for long runs & that it is expensive. How much a foot?

R S Electronics
Livonia, Michigan
(313) 525-1155

Bill Crocker

571. Re: Info on CW only xcvrs ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: hideg.1@nd.edu
Message-ID: <hideg.1-1004961322310001@webtest.cc.nd.edu>
Source record: 202995

In article <markem.210.00A45B80@primenet.com>, markem@primenet.com (Mark Monninger) wrote:

> For more modern stuff, there are lots of nice CW only QRP (<5W output) rigs.
> Lots of good kits from the various QRP clubs. They're affordable (many <$100)
> and are really good performers. If you really gota have more power, there are
> some fairly simple amp circuits around for up to 50W.
>
> There are a couple SSB QRP kits available too.

Check out:

<http://qrp.cc.nd.edu/QRP-L/index.html>

572. Re: Q: switching p/s - How to combine?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Montbach/Bartlett <caspar@tiac.net>
Message-ID: <316C7A72.388F@tiac.net>
Source record: 202996

> Is there a proper way to combine switching power supplies (I've been told that
> it is possible, but they weren't sure how) and is it possible to modify each unit
> so that it can produce say 6.5 to 6.8v that way I can get at least 13v out of the
> two of them?? Anyone done this before?

If you have run some non-switching supplies in series, switching supplies shouldn't be any different. I have run 2 10 amp 12 volt switchers in parallel for my 20 amp hf rig. It should be fairly simple. 73, Good luck, Will. N1PXA

573. HW-101 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: jonesa@frugal.com
Message-ID: <jonesa-1004961903480001@ip-219.frugal.com>
Source record: 202997

Does anyone know if any MARS mods exist for the HeathKit HW-101?

Aaron
KC7CKY
please reply through e-mail to jonesa@frugal.com

574. IC-T41A no VHF Rx

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: hideg.1@nd.edu
Message-ID: <hideg.1-1004961525460001@webtest.cc.nd.edu>
Source record: 202998

Hello.

I have an IC-T41A 440MHz handheld transceiver that also has VHF receive capabilities. Well, it used to. It now is totally deaf on VHF. It seemed to happen suddenly.

Does anyone out there have any experience with this radio or, more likely, its 2-meter cousin, the T21A? Might there be something obvious to check like a severed antenna connection that I could open up the radio and fix?

Just want to see if there is any useful advice out here before I send it to Icom.

Thanks and 73.

--Steve Hideg, N8HSC
hideg.1@nd.edu

575. WANTED: HICKOK 580 OR TRIPLETT 3344A TUBE TESTERS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: upscale@primenet.com
Message-ID: <4kht85$9qi@nnrp1.news.primenet.com>
Source record: 202999

If you have one of these in good condition, let me know.

E-mail private or call (909) 982-2386 PDT

576. Mods for the Alinco DX-70

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: "Edward N. McConnell" <mccon@ro.com>
Message-ID: <316C8306.2E37@ro.com>
Source record: 203000

Need help finding mods for the DX-70. Reply to mccon@ro.com thanks for the help!

73, KE4GOH
Neil

577. First radio....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: ed.welch@cheaha.com
Message-ID: <8BE659D.0409000C99.uuout@cheaha.com>
Source record: 203001

Well, I've been SWLing for a while with a slightly aged Hallicrafters S-120 and the bug has finally got it's grubby little pinchers firmly attached to me and my billfold. I've been looking at getting a new SW receiver. I've also been thinking about getting into HAM. I don't want to go out and put four or five hundred bucks down for a receiver and *then* get a transceiver a little later. I've seen a lot of rigs that includes a general coverage receiver and was wondering if someone could point me in the right direction on the TX/RX combination. I've been studying the code for about a week, and slowly it's coming to me....got 3 steps under my belt.....I know I could get the no-code, but it's just not what I want. :)

Any info or advice would be most appreciated.

Thanks,
Take care,

Ed Welch
ed.welch@cheaha.com
Cheaha!!!

578. Re: TS850 vs TS450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: cliffor1@ix.netcom.com
Message-ID: <4kgq47$mjp@dfw-ixnews4.ix.netcom.com>
Source record: 203002

>jderuite@xroads.com (John DeRuiter) wrote:
>>I am trying to decide between the Kenwood TS450 and TS850. I work
>>primarily DX and am primarily interested in receiver performance.
>>From the specs, there does not seem to be much difference. Is the
>>extra cost of the 850 worth it. I would greatly appreciate any
>>comments
>>
>>73 and Thanks in advance
>>KJ7GU, John
>>

Your right! Very little difference in receiver specs in comparison.
However, my money is on the TS-850S! There is about a $300 difference
in sales price.

Here is the $300 worth of features.

Electronic Keyer
Variable speech and noise blanker
slope tuning
Quick memo
monitor for tx audio
dim for display
digital CW recorder/playback
optional- Voice recorder
audio- Hi boost

If your into DX, and want a competitve edge, get the TS-850S. If your
on a budget and you want a radio that will work for all your ham needs
get the TS-450S.

Just my .02 cents worth

579. Mobile hamming

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Dr.K
Message-ID: <4khpmr$p83@doc.zippo.com>
Source record: 203003

Greetings!

I just got my ham license and was wondering if anyone had any suggestions as to what is a good mobile rig. Basically, a single-band, 2M unit would be just fine for me right now.

Any suggestions would be appreciated!

Dr. K (kliste67@vaxa.cis.uwosh.edu), KB9NEM

580. REJECTED: Ham-Equip Digest V96 #259

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9604110940.AF00027@rtp41.rtp.dg.com>
Source record: 203004

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V96 #259
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Wed, 10 Apr 96 Volume 96 : Issue 259

Today's Topics:
ARRL insurance
Help me, do linears need antenna tuners ?
Help with Icom 751 modifications
Info - FT101E -6146W
Kenwood TM-231A
Looking for info: Link 1907 (tube VHF relic)
MFJ Artificial Ground
Mods for Heath HW24HT?
WTB: Icom IC900 control head
WTB Network Analyzer Up to 3GHz (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 10 Apr 1996 10:09:22 GMT
From: pw@pplace.win.net (Patrick Wilson)
Subject: ARRL insurance

I have had experience with them and they do what they say they
will do. My equipment was hit by lightning and they paid for the
repairs. I just paid the deductable.

I recommend them very highly.

Pat
N0RDQ

In article
<mmalloryDpInn9.KDD@netcom.com>, Mark Mallory (mmallory@netcom.com)
writes: >Sender: rrlc@netcom.com
>
>crum (crum@xmission.xmission.com) wrote:
>: I'm thinking about ARRL insurance. Any experience with it (claims)?
>: I don't have too much stuff -- just a few FM radios for voice and
>: computer networking. But, I lost a handheld last year while hiking!
>: An Alinco DJ-580T! I'll certainly tether my HT nicely while hiking
>: from now on, but a friend said that ARRL insurance covers accidently
>: like that, so I'm interested.
>
>

Date: 9 Apr 1996 22:50:13 GMT
From: Peter Shintani <shintani@tv.sony.co.jp>
Subject: Help me, do linears need antenna tuners ?

Hi:
I am looking for some advice.
I plan on purchasing a linear amp. I am using an R-7
with under a 1:2 SWR match on all the bands I intend
to use. If I try to use a tube type linear, will the linear's
pi or pi-L matching section be adequate or will
an external antenna tuner be necessary. Currently, my
HF rig is connected to the R-7 with 8D-FB(I think it's
about equivalent to low loss double shielded RG-8).
Furthermore, I have a Bencher low pass filter, in the event
that I have to use an antenna tuner after the linear, should
the LPF be before or after the antenna tuner.(I assume that the
LPF is looking for 50 ohms termination)

Peter

Date: Mon, 08 Apr 1996 06:00:12 GMT
From: corrigad@adsnet.net (Dave)
Subject: Help with Icom 751 modifications

Hello, I am wondering if anyone has modified the receiver to have
hotter receive on the MW band and below? I am into MW BCB dxing and
also am toying with the idea of trying out the loafer band. I have
allready jumpered out the attenuator that is in the 500-1600khz band.
Also any other modifications would be nice to know of.
Thanks very much!
-Dave
corrigad@adsnet.net

Date: Fri, 05 Apr 1996 19:18:43 -0800
From: Thomas Martin <tjmartin@ro.com>
Subject: Info - FT101E -6146W

Does anyone have info on the mod to changeover to 6146W finals in a
FT101E

Thanks

Tom

Date: 9 Apr 1996 22:32:34 GMT
From: Tom Ross <thomross@bright.net>
Subject: Kenwood TM-231A

Is there anyone out there who still has a Kenwood TM-231A? I lost my
manual and can't program my rig. (I haven't had it up an running for
about 2 years).

Date: 10 Apr 1996 05:40:59 GMT
From: jmn@fc.hp.com (John Newman)
Subject: Looking for info: Link 1907 (tube VHF relic)

[Posted this yesterday, didn't see it up there today, so I'm trying again]

A friend of mine (with no net access) just purchased a

Link 1907 ED.2A

2m radio at a local ham-fest. It looks to be an antique, so of course it
had no accompanying documentation. This is an *old* tube-driven rig, no
tuner, rollaway cabinet, etc. It has been retired from Civil Air Patrol
use, so it still has CAP crystals in it.

If you know anything about this radio, have some info in the bottom of your
file cabinet, or maybe have an anecdote to share, I'd sure like to hear
from you.

Please respond via e-mail if possible (I'll repost), as I don't quite have
the bandwidth to keep up with this newsgroup.

Thanks in advance.

jmn@fc.hp.com / KB0GOW

Date: Tue, 09 Apr 96 19:48:53 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: MFJ Artificial Ground

w8jitom@aol.com (W8JI Tom) wrote:

>Let me see if I understand this statement. Are you saying, if I
>ground the far end of a half wave antenna, the current maximum STILL
>occurs in the middle instead of the end?

This is a *very* important point.

If a 1/2 wave end-fed wire is terminated with an infinite impedance (open ended), it exhibits voltage maxima at the ends. If it is terminated with zero impedance (connected to RF ground), it exhibits voltage minima at the ends.

Between these two values, there is terminating resistance for which there will be no standing waves on the line. The value of that resistor is equal to the surge impedance (Z0) of the end-fed wire, which is in turn determined by the diameter of the wire and the spacing of the wire above ground. When it is terminated with that resistance, the source will see that resistance regardless of the length of the wire.

In this regard, the wire behaves exactly like a transmission line.

73,
Jack WB3U

Date: Wed, 10 Apr 1996 01:47:32 GMT
From: hepc@earthlink.net (Todd Owen)
Subject: Mods for Heath HW24HT?

I am looking for mods for the Heath HW24HT. Despite what I've been told and have read, this rig doesn't match the Standard C528. For one thing it does not have UHF and VHF pushbuttons and Function+0 is "Offset" and not "Set"--this model must be a little older (1988 vintage).

The radio tunes 130-170, 340-380 and 400-470 MHz out of the box.

I'm looking for extended TX and police band 800 MHz Rx.

--73, Todd KE4UDN

Todd Owen Hanover Engineers, P.C.
Richmond, VA 804-730-0011 (Voice)
804-730-4012 (Fax)

ke4udn@amsat.org

Date: Tue, 9 Apr 1996 02:51:55 GMT
From: n1ist@netcom.com (Michael L. Ardai)

Subject: WTB: Icom IC900 control head

I have an Icom IC-900 radio, but no control head (and of course, Icom
hasn't had these in years...) If you have a control head lying around,
please let me know. If you know anything about the serial protocol
between the head and the "A" unit (Icom doesn't know this either), I'd
appreciate that too, since I don't mind hacking together a head.
Thanks very much.
/mike

--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- --- Boston Amateur Radio Club: http://www.barc.org/barc --- -*-
/|\ or send "info barc-list to listserv@netcom.com /|\

Date: Wed, 10 Apr 1996 00:48:59 GMT
From: xchen@mach1.wlu.ca (xi fan chen s)
Subject: WTB Network Analyzer Up to 3GHz

I am looking for a used and well functioning Network Analyzer up to 3GHz.
Please let me know via 519-394-3489 or email xchen@mach1.wlu.ca immediately
if you can spot the equipment. Thanks!
--
Xi Fan Chen

Date: Wed, 10 Apr 1996 00:50:59 GMT
From: xchen@mach1.wlu.ca (xi fan chen s)
Subject: WTB Network Analyzer Up to 3GHz

Sorry! my phone # is 519-894-3489 not 519-389-8439 in my prevous mail.
--
Xi Fan Chen

End of Ham-Equip Digest V96 #259
****

581. Request: FM Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Martin Gilbert <m.gilbert@ucl.ac.uk>
Message-ID: <1996Apr10.150035.47936@ucl.ac.uk>
Source record: 203005

Hi,

I have what is probably a really easy question, but one that has me temporarily stumped. I want to receive a 418 MHz signal from a low power transmitter, which is FM modulated by +- 50 kHz.

I need to find a commercially available receiver that can output the data as fast as possible - can anyone help me with my problem?

Sorry if this question is out of place, I looked through the newsgroups list and this one seemed to be the best place to ask.

Thanks in advance,

<artin Gilbert

582. Request: FM Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Martin Gilbert <m.gilbert@ucl.ac.uk>
Message-ID: <1996Apr10.150048.48027@ucl.ac.uk>
Source record: 203006

Hi,

I have what is probably a really easy question, but one that has me temporarily stumped. I want to receive a 418 MHz signal from a low power transmitter, which is FM modulated by +- 50 kHz.

I need to find a commercially available receiver that can output the data as fast as possible - can anyone help me with my problem?

Sorry if this question is out of place, I looked through the newsgroups list and this one seemed to be the best place to ask.

Thanks in advance,

Martin Gilbert

583. WTB Network Analyzer Up to 3GHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: xchen@mach1.wlu.ca
Message-ID: <DpMFLo.12I@info.uucp>
Source record: 203125

I am looking for a used and well functioning Network Analyzer up to 3GHz.
Please let me know via 519-394-3489 or email xchen@mach1.wlu.ca immediately
if you can spot the equipment. Thanks!
--
Xi Fan Chen

584. WTB Network Analyzer Up to 3GHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: xchen@mach1.wlu.ca
Message-ID: <DpMFp0.163@info.uucp>
Source record: 203126

Sorry! my phone # is 519-894-3489 not 519-389-8439 in my prevous mail.
--
Xi Fan Chen

585. Re: Ham-Equip Digest V96 #256

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: RSmall01@aol.COM
Message-ID: <960409213913_466187884@mail06>
Source record: 203127

In a message dated 96-04-09 18:09:50 EDT, you write:

>The rig was noteable for it's
>continous tuning capability from 1.8 to 30 mHz,

Restricted to factory wired CDC model I believe..73

Dick N1WJP

586. Mods for Heath HW24HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: hepc@earthlink.net
Message-ID: <4kf3vj$s1@bolivia.it.earthlink.net>
Source record: 203128

I am looking for mods for the Heath HW24HT. Despite what I've been told and have read, this rig doesn't match the Standard C528. For one thing it does not have UHF and VHF pushbuttons and Function+0 is "Offset" and not "Set"--this model must be a little older (1988 vintage).

The radio tunes 130-170, 340-380 and 400-470 MHz out of the box.

I'm looking for extended TX and police band 800 MHz Rx.

--73, Todd KE4UDN

Todd Owen Hanover Engineers, P.C.
Richmond, VA 804-730-0011 (Voice)
804-730-4012 (Fax)

ke4udn@amsat.org
---

587. Heathkit DF-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: cfb@novum.com
Message-ID: <DpMM2H.Hz1.0.server@indra.com>
Source record: 203129

I recently picked up a Heathkit DF-1 Direction Finder, & I'm looking for the schematics/manual. Ideally, I'd like to find originals, but I'm happy to settle for photocopies.

It's missing a back & the off/volume knob, so if anyone has these parts, let me know.

Charles Bacon
cfb@novum.com

588. Info on Alinco DX-70 needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4kfaqa$52u@news.usit.net>
Source record: 203130

Anyone using/heard the Alinco DX-70 rig? Comments?? Thinking about buying one.

Steve, WA4GZE

589. Re: Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: erica.s@worldnet.att.net
Message-ID: <4kfc9v$l1h@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 203131
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

>

> I received my 1209 2m - 6m transverter kit last week, but have

What other new kits have they announced? I hadn't heard about the
2m to 6m kit?

Rick KT2Q

590. Re: Help me, do linears need antenna tuners ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn4mm6tb.29q.mulveyr@ll.aa2ys.ampr.org>
Source record: 203132

On 9 Apr 1996 22:50:13 GMT, Peter Shintani <shintani@tv.sony.co.jp> wrote:
>Hi:
> I am looking for some advice.
>I plan on purchasing a linear amp. I am using an R-7
>with under a 1:2 SWR match on all the bands I intend
>to use.

You may want to reconsider getting an amp. I have seen many, many
reports of R7's blowing traps at 100W. I can just imagine what will
happen with 1500. :-)

- Rich

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

591. testing!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: jgrey@cyberportal.net
Message-ID: <4kf9cf$r07@news.cyberportal.net>
Source record: 203133

```
testing from cyberport 11:16 pm 4/9/96
```

592. Display Problem Pro 2004

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: "Richard R. Fasi"
Message-ID: <4kfdsg$j6a@miwok.nbn.com>
Source record: 203134

I picked up a PRO 2004 at a swap. The display works but doesn't appear to be backlit. Does the 2004 have backlighting? I checked the display board and could not find bulbs. Are they integral to the lcd? Is there an easy way to get backlighting for this scanner?

Thanks for ur comments.

73 de Dick KM6PA

593. 2N2156 transistor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: "Colin Schmutter"
Message-ID: <4kfes1$93b@chopin.bcit.bc.ca>
Source record: 203135

I am looking for a source for 2N2156 transistors.

If these are unavailable what would be an equivalent?

Any help would be appreciated.

Please reply to cschmutter@bcit.bc.ca

Colin

VE7CQH

594. I need some input on ICOM IC-2700H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: raj@inforamp.net
Message-ID: <4kfhp8$g6t@sam.inforamp.net>
Source record: 203136

I'm planing to buy mobile rig IC-2700H...is it any good. What
should I watch out for.. Thank you for replay.

595. Looking for info: Link 1907 (tube VHF relic)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: jmn@fc.hp.com
Message-ID: <4kfhlb$8jj@fcnews.fc.hp.com>
Source record: 203137

[Posted this yesterday, didn't see it up there today, so I'm trying again]

A friend of mine (with no net access) just purchased a

Link 1907 ED.2A

2m radio at a local ham-fest. It looks to be an antique, so of course it had no accompanying documentation. This is an *old* tube-driven rig, no tuner, rollaway cabinet, etc. It has been retired from Civil Air Patrol use, so it still has CAP crystals in it.

If you know anything about this radio, have some info in the bottom of your file cabinet, or maybe have an anecdote to share, I'd sure like to hear from you.

Please respond via e-mail if possible (I'll repost), as I don't quite have the bandwidth to keep up with this newsgroup.

Thanks in advance.

jmn@fc.hp.com / KB0GOW

596. Re: Help me, do linears need antenna tuners ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kfpbj$rvp@crash.microserve.net>
Source record: 203138

Peter Shintani <shintani@tv.sony.co.jp> wrote:

>I plan on purchasing a linear amp. I am using an R-7
>with under a 1:2 SWR match on all the bands I intend
>to use. If I try to use a tube type linear, will the linear's
>pi or pi-L matching section be adequate or will
>an external antenna tuner be necessary. Currently, my
>HF rig is connected to the R-7 with 8D-FB(I think it's
>about equivalent to low loss double shielded RG-8).
>Furthermore, I have a Bencher low pass filter, in the event
>that I have to use an antenna tuner after the linear, should
>the LPF be before or after the antenna tuner.(I assume that the
>LPF is looking for 50 ohms termination)

All tube-type Amateur amplifiers will easily match a 2:1 SWR. You're correct about the filter - it needs to see the correct termination to ensure proper filter response. However, I don't know how much its performance will be affected by 2:1 SWR. That's certainly not very high, so the filter may work fine at the output of the amplifier. The best source of authority on this is the manufacturer of the filter.

73,
Jack WB3U

597. Wanted: YAESU FT-102 Technical Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: "JOSE V. GAVILA" <Fermax.esp@vlc.servicom.es>
Message-ID: <4kfm7s$eb@ns.mad.servicom.es>
Source record: 203139

Hello and THANKS for reading this message.

I need the Tech Manual (NOT the one that comes with the rig) for the FT-102. Please, if you have one to sell or you can make me a copy, please, tell me.

THANKS!

73s JOSE - EB5AGV / EC5AAU

e-mail: EB5AGV@AMSAT.ORG

598. Re: Info - FT101E -6146W

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kfqah$rvp@crash.microserve.net>
Source record: 203140

Post / CC by Mail

Thomas Martin <tjmartin@ro.com> wrote:

>Does anyone have info on the mod to changeover to 6146W finals in a
>FT101E

Are you sure you want to do that? The 6146 won't handle as much peak current as the sweep tubes and the power loss is not insignificant. Without digging out my old schematic, I'll hazard a guess and say the FT-101E produces about 600V B+. That's not enough to achieve full output from a pair of 6146's and I think this is why Yaesu used three tubes when they made the switch in later models.

Incidentally, the 6146W has a 25 watt plate dissipation rating, compared to 35 watts for the 6146B.

73,
Jack WB3U

599. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: umby@shell02.ozemail.com.au
Message-ID: <4kg00l$rar@oznet03.ozemail.com.au>
Source record: 203141
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

recurry@insighttec.com wrote:
: Can we move this discussion to another subject heading. It's been
: going on for over a week. My 11 year old reads this newsgroup and it's
: certainly not a good example.

: Thanks,

: Ron Curry
: KE6WED
: recurry@insighttec.com
: ke6wed@ke6wed.ampr.org
: recurry@inside.intel.com

600. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: pw@pplace.win.net
Message-ID: <64@pplace.win.net>
Source record: 203142
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I have had experience with them and they do what they say they
will do. My equipment was hit by lightning and they paid for the
repairs. I just paid the deductable.

I recommend them very highly.

Pat
N0RDQ

In article
<mmalloryDpInn9.KDD@netcom.com>, Mark Mallory (mmallory@netcom.com)
writes: >Sender: rrlc@netcom.com
>
>crum (crum@xmission.xmission.com) wrote:
>: I'm thinking about ARRL insurance. Any experience with it (claims)?
>: I don't have too much stuff -- just a few FM radios for voice and
>: computer networking. But, I lost a handheld last year while hiking!
>: An Alinco DJ-580T! I'll certainly tether my HT nicely while hiking
>: from now on, but a friend said that ARRL insurance covers accidently
>: like that, so I'm interested.
>
>

601. Re: Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Madjid <orion@odyssee.net>
Message-ID: <316B5E18.156B@odyssee.net>
Source record: 203143

>
> On 4 Apr 1996 13:07:57 GMT, rpickeri@loyalistc.on.ca (Robin Pickering)
> wrote:
>
> >I would like to know if a cell phone can be altered so as to change the pll
> >frequencies to get it to opperate in the 2m range.
> >I know cells opperate at about around 900mhz, with an IF around 40mhz.
> >
> >Can a cell be re programed (along with a xtal change with the pll ref
> >signal) so as to get it to opperate as a 2m ham radio?
> >
> >I know a pll can be set to different ranges by a xtal change and different
> >modulus numbers; however what conserns me are all the tuned circuits in the
> >intial RF input and the output stage. If it can be done by reprogram the
> >eprom in the phone and a few simple component changes I'd shure like to take
> >a crak at it.
> >
> >Please respond with any ideas or advice you can give!
> >Thanks
> >
> >
>

Some OLD cell-phone (the portable type) can be modified
for the 1Ghz band but it is not easy. Some VE2's did it.

The new models are very difficult (impossible) to modify:
Surface mount.
Power Modules Hybrids designed for Cell Phone bands can't be pulled
to higher frequency without dropping dead, etc..

Mr kc5afm No question is stupid, just the answers !

602. Re: Can a cell phn be reprog to opp as a ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: Madjid <orion@odyssee.net>
Message-ID: <316B5E2C.7D08@odyssee.net>
Source record: 203144

>
> On 4 Apr 1996 13:07:57 GMT, rpickeri@loyalistc.on.ca (Robin Pickering)
> wrote:
>
> >I would like to know if a cell phone can be altered so as to change the pll
> >frequencies to get it to opperate in the 2m range.
> >I know cells opperate at about around 900mhz, with an IF around 40mhz.
> >
> >Can a cell be re programed (along with a xtal change with the pll ref
> >signal) so as to get it to opperate as a 2m ham radio?
> >
> >I know a pll can be set to different ranges by a xtal change and different
> >modulus numbers; however what conserns me are all the tuned circuits in the
> >intial RF input and the output stage. If it can be done by reprogram the
> >eprom in the phone and a few simple component changes I'd shure like to take
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> >
> >
>

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The new models are very difficult (impossible) to modify:
Surface mount.
Power Modules Hybrids designed for Cell Phone bands can't be pulled
to higher frequency without dropping dead, etc..

Mr kc5afm No question is stupid, just the answers !

603. Re: Info on Alinco DX-70 needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4kg5jj$jg1@newsbf02.news.aol.com>
Source record: 203145

I purchased one in January and mounted it in my pickup. It was a replacement for my TS140 which took up too much space. The radio works very good. My only complaint is the short (~5 feet) control cable. I ended up buying a second cable and making an adaptor to plug two cables together to allow placement of the main chassis behind my seat rather than under it. Alinco claims that a longer cable than they provide may cause problems with signals from the head to the radio as the only microprocessor is in the head. So far, after about 6000 miles, I have had no problems and I would recommend the DX70. If you need to put the radio in the trunk of a car you may want to look at the Icom 706, it has a longer cable available.

73 de Mark, WB9BVV

604. Re: 950SDX for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: "T.D.E." <tde@ntplx.net>
Message-ID: <316BA58F.360A@ntplx.net>
Source record: 203146

Oscar D. Jackson Jr. M.D. wrote:

> Like new Kenwood 950SDX for sale. How about a price? It's not too high to print, is it?

605. WTB Drake 1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: n4zo@gnn.com
Message-ID: <4kgaep$4r0@news-e2c.gnn.com>
Source record: 203147

Since the Drake 1A was the first rx designed for SSB, I am hoping
to find one in mint condx for a nostalgically classic station.
Gus
n4zo@gnn.com

606. Re: WANTED...R-390A Meters...Can Anyone Help Me??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-1004960803560001@145.1.114.19>
Source record: 203148

In article <4jmcn5$r36@mtinsc01-mgt.ops.worldnet.att.net>, George Sereikas
<SEREIKAS@worldnet.att.net> wrote:

> Hi,
> Thanks for reading this posting. I am looking for the original
> meters for a R-390A Receiver(One is the "Carrier Level" meter
> and the other is the "Line Level" meter). If anyone has one or
> both of these meters or knows where I can find them, please let
> me know.
>
> Thanks alot,
> George
> KC2MF
> sereikas@worldnet.att.net

Sorry to rain on your restoration project, but you will have a VERY
difficult timer finding these meters, and rightly so. The original meters
utilized a "glow in the dark" radioactive phosphor dial paint. DoD
required all R-390 users to place radiation warning labels on the front
panel of every receiver next to the meters. Further, when these receivers
are taken out of service, the user is required to remove the meters and
send them to a low-level radioactive material disposal site. It is not
possible for the average civilian to remove the radioactive paint and have
a non-radioactive working meter movement.

--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(708) 576-0992 / (216) 265-2092
** Schaumburg area code changes from 708 to 847 on January 20, 1996! **
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

607. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kgd31$l0p@newsbf02.news.aol.com>
Source record: 203149

In article <316B2828.5261@gte.net>, Grant Youngman <nq5t@gte.net> writes:

>Seems to me this WAS pretty much a beginner rig in its day. Are we
>suggesting that
>today's beginners aren't up to the level of, say, beginners in the 50's
????
>I guess
>today's beginners aren't capable of doing much but opening the box and
>plugging the
>plastic radio-thingy found there-in into the wall? Is more than one knob
too
>many?
>
>Affectionately ... Grant/NQ5T
>
>

There may be more truth in your post than realized at first glance. Ham radio now is not much different now than CB used to be!

When I was about ten years old (1960), there were three Hams and two CB'ers in my small rural neighborhood. Both CB'ers built their own rigs, receiver's and all, from scratch. The Ham's both built a lot of stuff too, but not receivers. All of them spurred the interest of a few neighborhood kids better than Wayne Green, the ARRL, or W5YI ever could.

Now we'd be lucky to find five people in a major city with home built equipment.

Maybe things have gotten too easy, and the magic is gone. Maybe that's why Ham radio is boring? Maybe it's because anyone can do it, it's like a telephone.

In keeping with that thought, I think the best transmitter and receiver is anything you aren't afraid to work on. And especially it's one you build yourself. A one tube (or transistor) CW rig and a super regen receiver are better than a FT1000D in my book.

73 Tom

608. SB-200 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: mchasse@primenet.com
Message-ID: <4kg9k9$imc@nnrp1.news.primenet.com>
Source record: 203150

Does any one know a place on the internet where Mods for the SB-200 are or does any one have a personal collection of these mods that they can copy.

Thanks and 73's

Mike

609. Re: The Perfect CW Station

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4kgf2f$3li3@ns1-1.CC.Lehigh.EDU>
Source record: 203151

In article <4kf2tr$jik@crash.microserve.net>, jackl@pinetree.microserve.com (WB3
U) writes:
> a313@Lehigh.EDU wrote:
>
>>For all the OO's out there... Yes I do have a regulated B+ line so
>>you can quit putting that cure on the notices :-}
>
>I still remember the OO notice I got as a Novice. Seems like my
>homebrew transmitter didn't like the doubler coils. It worked fine on
>80M, but my 40M sig was a capital offense. ;
>
>If you're looking for a nice CW rig, I've heard the Omni 6 is hard to
>beat.
>
>73,
>Jack WB3U

Hi Jack;
Boy I have gotten a stack of the OO notices in the last twenty years. All
concerning my chirpy signals. I have never gotten one from the FCC.
Sometimes I think I should apply for a Cuban callsign so I will quit
getting the notices. Now don't all you people get upset and think I am
slamming the Cubans. There is a good reason for their chirpy signals.
The Cuban stations generaly don't have the luxery of stable 60 Hertz
power. I would challenge any station to try running a tube rig on power
that runs from 50 HZ to 70HZ and not sound chirpy.

Thanks for the hint on the Omni 6. I have operated the Century 21 and it
was a nice rig. I almost bought one but my cousin traded it in for a TR4 CW
The Ten Tecs have nice QSK features. I haven't run accross many of the
TEN Tec rigs at hamfest. They must have lots of happy owners.

73's Dick K8WHA
>

610. Re: WTB: Icom IC900 control head

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: "David W. Biddle" <davidb9608@aol.com>
Message-ID: <4kghs8$rde@turing.direcpc.com>
Source record: 203152
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

If you can't find the parts you need and want to sell the radio
as parts let me know I have two of these radios and would like
to acquire some backup parts.
Thanks
David
David W. Biddle
41 Valley Run Drive
Cromwell Ct. 06416
860-632-9390

611. Alinco DX-70T CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4kgj5r$qfq@cville-srv.wam.umd.edu>
Source record: 203153

I ran into the Sales Manager when at the Timonium hamfest.

The DX-70T's CW filter doesn't sound particularly sharp
because it's a CERAMIC filter as opposed to a crystal
filter. Apparently, they couldn't get a crystal lattice
filter small enough to fit inside the radio.

It works pretty well, but is not a lattice filter; you can
tell.

He also avowed no knowledge of the radio being able to
go up to 2m, although people claim there's something
like "144" on the PC board....
--
* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

612. Re: Display Problem Pro 2004

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4kgj5p$edv@coranto.ucs.mun.ca>
Source record: 203154

Take a look in the back of POPULAR COMMUNICATIONS and you will see
an ad for PRO-2004 display panels for sale. Not sure of the price
but think it was around $34.

Richard R. Fasi (rfasi@.castles.com) wrote:
: I picked up a PRO 2004 at a swap. The display works but doesn't appear to
: be backlit. Does the 2004 have backlighting? I checked the display board
: and could not find bulbs. Are they integral to the lcd? Is there an easy
: way to get backlighting for this scanner?

: Thanks for ur comments.

: 73 de Dick KM6PA

613. Re: Slams and Spams of new Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8291476079901@humnet.humberc.on.ca>
Source record: 203155

> goblin@fn.net wrote:
> >
> > I've been an amateur radio operator for about 1 1/2 years now, and
> > been surfing this news group for about a year. I have recieved quite
> > a lot of useful information while browsing. The only thing I find
> > that is most distressing is the slams/spams of what appears to be
> > new operators who ask what appearto be "STUPID" questions.
> >
> > I have seen a lot of literature which talks about an elmer to help new
> > hams out. Why isn't this true on this news group as well? Come on
> > floks, be a good will ambassador here as well! Help those who don't
> > know. I ahve spent 15 years in both the Army as well as the Navy, and
> > as an instructor in both, I have started each class with the
> > statement-"The only stupid question is the one you did not ask, if you
> > don't know, ask and find out, any questions?"
> >
> > IMHO. R. Haig KB0PVU.
>
> AMEN! I thought that this was an exchange of information If you think
> it someone asks a dumb question, just don't hit the reply key! Remeber,
> at one time, you didn't have all of the answers. Lets try to help
> newbies, not humiliate them. Perhaps we can all learn something.
>
> Kent Winrich, NI9U
> Waukesha, WI
>

There are plenty of self proclaimed "experts" around here....the key
is to be able to recognize these guys and filter out the ones who think
they know it all from the ones that are truely knowledgeable.
You will discover that many of them are the ones who reply to every post
with their opinions. The desireable responses come from those who do
more reading than writing...names that you don't see posted everyday.
I learned a while back that it is wiser to do more listening than talking.
(That is not to say that you shouldn't offer to help when you can.)

Regards !
Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

614. Re: TS850 vs TS450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8291476161202@humnet.humberc.on.ca>
Source record: 203156

> In article <4kc5af$oun@news.xroads.com>, jderuite@xroads.com (John DeRuiter)
> tes:|> I am trying to decide between the Kenwood TS450 and TS850. I work
> |> primarily DX and am primarily interested in receiver performance.
> |> From the specs, there does not seem to be much difference. Is the
> |> extra cost of the 850 worth it.
>
>
> Get a 850 ! There does not seem to be much difference to the 450, but there
> are some small yet important advantages. The most important to me is the 850'
> "slope tune" which works by adjusting the second and third oscillator and
> allows for blanking out unwanted signals that are close to the station you're
> listening to. This feature is very helpful against heavy qrm, both on ssb and
> .
> vy 73, Wolfgang DJ3TZ
>

I have owned both radios.
Big difference in receiver performance between the 850 and 450.
The 850 has a lower noise floor, noticeably better dynamic range
and noise filtering (slope tuning as mentioned above).
The 450 suffers from front-end overload when band activity is high,
especially on 20 and 40M. (I have not noticed this on my 850.)
The 850 also has some features that make DXing and contesting smoother
like a built-in CW keyer, optional voice recorder-playback, 2 levels
of RX attenuation, ect...
The tuner also works from 160 to 10M whereas the 450 tuner does not
cover 160M.
I believe you would be much happier with the 850 !

Regards...Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

615. Re: Display Problem Pro 2004

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8291476241303@humnet.humberc.on.ca>
Source record: 203157

> I picked up a PRO 2004 at a swap. The display works but doesn't appear to
> be backlit. Does the 2004 have backlighting? I checked the display board
> and could not find bulbs. Are they integral to the lcd? Is there an easy
> way to get backlighting for this scanner?
>
> Thanks for ur comments.
>
> 73 de Dick KM6PA
>

An electroluminescent panel is used for the backlighting.
It is a thin flexible plastic covered piece that is removable from
behind the LCD display. you can order them from Tandy National Parts
(don't have the number handy...call your local R/S).

regards...

Hugh VA3TO Toronto

• NFX v1.3 [000]

616. FS: GP300 UHF/16 CH

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4kgodi$onr@newsbf02.news.aol.com>
Source record: 203158

Hi,
I am selling a Motorola GP300 UHF 16 channel hand-held. It comes with
the following:

16 channels
DTMF Touch-tone pad on the front
2 antennas
Leather Carrying case...
All programmed for your need!
Extra Case... incase you don't want the DTMF pad.

I am asking $375 with shipping.... if interested please email me back.

Thanks for your time.. 73 de N9MXT1
Jeffrey

617. MODS - Yeasu FT-840 general TX mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: "Donald J. Bensch Sr." <dbensch@uoft02.utoledo.edu>
Message-ID: <316BF10B.62C9@uoft02.utoledo.edu>
Source record: 203159
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Here's are some general TX mods for the Yeasu FT-840. The first two
mods work and the last one does not.

Special thanks goes to subbustr@whidbey.net (Dave M. Schertzer) for
the first mod, ory@olympic.net (Horace Ory) for getting the second mod
to me and to John (G7MRI) for originally posting it on packet. I also
included a mod I found on the net that does NOT work for reference.

Don (N8YIR)

~~~~~~
Subject: Re: ArtSci Book
Date: Sun, 31 Mar 1996 20:51:08 -0800 (PST)
From: subbustr@whidbey.net (DAVE M . SCHERTZER)
To: "Donald J. Bensch Sr." <dbensch@uoft02.utoledo.edu>

Here iz what I got....

>| Yaesu FT-840 Expanded RF
>| All band modification:

1. Remove ant from radio.
2. Remove top and bottom covers.
3. On Local Unit , TEMPORARY jump TP-2003 to ground.
(Take a wire lead + attach to the metal case)
4. Press & Hold (SSB) + (AM) and turn power on.
(Display will show 02-OFF)
5. Rotate main control to show 02-ON
6. Press AM. The display should read (7.000.00 LSB)
7. Turn radio off.
8. Press and hold the memory (DOWN) + (UP) buttons and turn radio ON.
9. Turn the radio OFF.
10. Remove the jumper to ground on TP-2003.
11. Reassemble radio.

Think u were missing step #6. Mod taken from Book 8A
Gud luck.....hope this helps....dave

____
David M Schertzer NOPF Whidbey Is.WA USA Canadian NAVY
Email : subbustr@whidbey.net HAM Radio : VE7-LFA/W7
^^
~~~~~~
From: G7MRI@GB7LWB.#27.GBR.EU
To : YAESU@WW

Well guys i see that many people have been looking for mods for
this radio so here is the out of band tx mod.

1. take off bottom and top covers.
2. connect a jumper from point TP2003 to ground. this is temporary
while preforming the programming steps. that point is in front and to
the edge of the lithium battery.
3. with the ft-840 off, press and hold the (SSB) & (AM) buttons at the
same time. turn on the rig, then release the buttons simultaneously.

4. the display will show (02-ON). press the (AM) button to confirm
setting: it should read 7.000.00 LSB. turn rig off.
(If the rig does not show 02-on move the main freq knob to change it)

5. press and hold in the MEM , (DOWN) and (UP) buttons while turning
rig "on".
6. turn pwr off, and remove jumper.
7. if you have a problem, dump the backup memory by switching the back
up switch off per the manual.you can then redo the steps.

If you know of any mods please let me know and if you can find out what
01-ON/OFF to 09-ON/OFF i think it goes to, what do the other settings do.

73's de John
G7MRI@GB7LWB.#27.GBR.EU
~~~~~~

The mod below was the only mod for the FT-840 that I could find on the net.
THE MOD BELOW DOES NOT WORK!!! It is listed here for reference only.
Archievers might want to remove this mod if they have it.

~~~~~~
From: paul@theborg.mlb.fl.us (SysAdmin)
Subject: FT-840 Expanded RF Mod
Date: 10 Dec 94 08:02:20 EST

I saw many requests for this mod but never had a chance to post it till now.

Yaesu FT-840 Expanded RF
All band modification:

1. Remove bottom cover and locate vertical pin TP 2003.

2. Connect a jumper wire from this pin to ground.

3. Hold SSB button and AM button at the same time and turn the radio On.

4. Frequency display should read "02 OFF". Turn Frequency knob until display
reads "02 ON". Now turn radio Off.

5. Hold VFO/M button and UP and DOWN buttons at the same time and turn the
radio On.

6. Last, turn radio Off and remove jumper from Test Point 2003.

7. Reassemble radio.

This mod allows gerneral coverage transmit on the FT-840.
I assume no responsibility, proceed at your own risk.

---
73 de KE4QJA Paul
~~~~~~
~~~~~~

618. RS-232 to TTL interfaces ...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: tony@gcr1.com
Message-ID: <4kgmk9$ou8@tetsuo.communique.net>
Source record: 203160

If you are thinking about using you PC to control
you ham rig check out my page and the FT-736R CAT
section. The unit shown is usable on all rigs that
require a RS-232 to TTL level converter to control
the rig. Kits include all connectors needed for
connection to Kenwood, Yaesu or Icom rigs and as
well as others.

Check it out ...

http://www.gcr1.com/n5gpi/

73,
N5GPI

619. Re: Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-10 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-1004961002290001@wpaul-mac.qualcomm.com>
Source record: 203161

In article <4k8o6p$ngo@hptemp1.cc.umr.edu>, sdrumm@albert.nuc.umr.edu (Scott Drumm) wrote:

> I just recently received my no-code Tech license, and the time has now
> come to purchase a radio. I'm looking for a 2m HT that is small and
> rugged enough to be carried when backpacking, hunting, hiking, etc.
>
> Members of the local club recommended the ICOM IC-T22A for $245,
> and I was wondering if anyone has had positive/negative experiences
> with this particular model and/or company.

Nothing but good things to say about mine. Great Rx sensitivity. Extended Rx range. Transmits good sounding audio (according to the people I talk to). The sales man said the user interface was easier on the Kenwood T22, but I didn't have any problems learning the Icom.

> Also, what features should I be looking for in a handheld unit in the
> $250-$350 price range? I'm a little vague on what DTMF, coded squelch,
> and tone squelch features actually *do*, so any help in that area would
> be appreciated.
>
DTMF (Dual Ton Multiple Freqency) is for creating the tones for dialing telphone numbers, like through an autopatch. Many repaeters have additional controls, like linking to other systems, that can be controlled by DTMF tones. I would venture to say that most, if not all new HTs have DTMF capability.

Coded squelch uses those DTMF tones to open up preprogrammed receivers. The receivers will only open the squelch after hearing the tone sequence you've programmed. This can allow many people to use the same simplex frequency without hearing each other (not at the exact same time however). This is popular with commercial radios, but I haven't heard anyone using it in the 2m band. It is an option on many radios.

Tone squelch uses a sub-audible tone (aka PL tone) to open the squelch of the receiver. This is something that is used alot in repeater operation. A tone, anywhere from 50 to 300Hz, but usually around 100Hz, is transmitted along with your voice. I don't know if the IC22A can use the tone on it's receive (it has some tone scan feature for figureing out what tone a repeater is using), but it can transmit the tone. I think any new radio can transmit a PL tone.

> Thanx for the assist!
no problem
-BP

```
-----------------------------------------------------------------
Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com
-----------------------------------------------------------------
```

620. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kjvuc$1ab@crash.microserve.net>
Source record: 202862
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>No, Jim. In an *AC* circuit there is no net charge flow. All
>charges merely oscillate back and forth around their original
>positions in step with the changes in potential.

Gary, explanations like this are the reason your readers are confused, and perhaps also the reason we are having this discussion. What you've said is true, but it falls far short of explaining the flow of current that Jim asked about.

It is much easier to understand what's happening if it's remembered that the transmitter has two RF output terminals (poles). The only "loop" that must exist in order for current to flow is the current path internal to the transmitter and through the load. To satisfy Kirchoff, the current flow through all internal points and through the two output terminals must be the same.

What you've missed is that current drawn from those two poles is forced to be equal and opposite by the inherent nature of the fields inside the coax. Therefore, regardless of the load at the far end of the coax, the load seen by the transmitter itself is *always* balanced at both poles. Nothing is attempting to draw more current from one pole than the other, therefore there is no need for any "return" current in order to balance the transmitter. **This condition is satisfied whenever coax is attached to the transmitter.**

Please stop this nonsense about some sort of external loop that must be completed. It is an instinctual concept that does not exist in a coaxially-fed system.

73,
Jack WB3U

621. Re: Alinco DX-70T CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: "F. Kevin Feeney" <fkf1@cornell.edu>
Message-ID: <4kjnno$t0h@newsstand.cit.cornell.edu>
Source record: 202863

In article <4kgj5r$qfq@cville-srv.wam.umd.edu> Scott Rosenfeld NF3I,
ham@w3eax.umd.edu writes:
>I ran into the Sales Manager when at the Timonium hamfest.
>
>The DX-70T's CW filter doesn't sound particularly sharp
>because it's a CERAMIC filter as opposed to a crystal
>filter. Apparently, they couldn't get a crystal lattice
>filter small enough to fit inside the radio.

Then where does ICOM get the 500hz and 250hz filters for the 706? Doesn't
the TS-50 (a very nearly identical box) have a narrow filter option too?

Alinco advertised it as having a 500 Hz cw filter. I measured the
response on mine, and it's about 1.6 khz wide at -6 db. 500 Hz cw
filters have been a pretty standard quantity on ham rigs for the last 10
years or so - if they weren't going to include one, they shouldn't have
advertised it as having one. I can't think of any way you could
characterize what they have for a narrow filter in there as being 500 hz
wide - unless you measured at the -0.1 db points maybe. Saying it had a
500 hz cw filter when in fact it doesn't is pretty low. A lack of a
narrow filter isn't an insignificant issue - it's important for anything
but the most casual cw operating, and very useful for digital modes.

It was instructive reading the review that 73 mag gave it - they
mentioned something like the 'sharp cw filter', blah-de-blah. By that
point I'd already talked to Alinco and found out about the bogus filter.
Reading over the section in the review on cw operating and the glowing
report, I realized the reviewer apparently never opened the box. The QST
review in comparison did point up the problem.
>
>It works pretty well, but is not a lattice filter; you can
>tell.

To me it just sounds like a hi-cut, as if they had tacked a cap across
the audio channel to drop a little of the high frequency hiss. If you
listen to a croweded frequency and switch the narrow filter in and out,
you can still hear all the signals, but the background noise changes. :-(

☐☐You could put a better *audio* filter in than what they have - even the
cheap little RS DSP box has much better filtering in it's cw mode.
Unfortunately adding an external audio filter for CW adds another box of
near equal size - nullifying the whole concept of a small
multimode/multi-role radio.

Bottom line, it's still a good radio for lots of other uses - it has a
decent receiver and always gets good audio reports on transmit. But if I

had had the truth when I was making the selection, that there really wasn't a 500 hz cw filter and no possibility of installing one optionally - I'd have made another choice. Now I have to read all advertising from Alinco with a big grain of salt. Fooled me once....

73 de Kevin, WB2EMS
"When I was a child, mommy told me not to talk to strangers.
Now that I'm a ham, it's my hobby! "

622. Motorola PC10 - Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: swithrow@nyx.cs.du.edu
Message-ID: <4kjsi5$7ar@nyx.cs.du.edu>
Source record: 202864

I was given a Motorola PC10 vhf ht that is in the business band
and have some questions in regard to making it useful to me.

1. Can this radio be made to work on 2 meters?

2. The radio contains a 7 pin connector (I presume for programming)
Is the pinout / protocol / software available to reprogram this
radio?

3. Can the radio be programmed for 600kHz splits? (It's simplex now)

4. There are 4 switches inside the radio. What are their functions?

Thanks in advance for any help.

73,
Skip Withrow - WB0BBE
(303) 693-0997
ah441@freenet.uchsc.edu

623. Re: The Perfect CW Station

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: dmills@interaccess.com
Message-ID: <dmills-1104961459260001@d219.nb.interaccess.com>
Source record: 202865

I'll second the Omni VI recommendation. I've owned one for just over a year, and it's a fantastic CW radio. The receiver is superb, especially in pulling out weak signals VERY close to strong ones. QSK has always been one of Ten-Tec's strong points and works beautifully. The CW filters work very well (I highly recommend the 500 Hz first-IF filter, along with the 500 and 250 Hz 2nd-IF filters). If you want to work portable occasionally, the rig has a good internal keyer (Curtis A or B type, selectable), and runs on 12v. You can connect the internal keyer and an external key closure (e.g.memory keyer or computer) simultaneously. It's also a very good SSB rig -- not quite as many bells and whistles as some, but very good. There was a favorable review in January '93 QST, and a couple of the minor points have been addressed since then: the crystal oven is on whenever 12v is applied; and the tuning rates (main, RIT, and XIT) are now programmable.

I think this is very close to the ultimate CW rig these days, but on the other hand my Drake twins are still working great, too, and I doubt I'll ever part with them. And those little QRP rigs look like a lot of fun, too.

Vy 73,
Don K9DM

624. FS: Motorola 68040 Microprocessor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: gargoyle@prolog.ptd.net
Message-ID: <4kiib8$e9f@ns2.ptd.net>
Source record: 202866

*** FOR SALE ***

Motorola XC68040HRC25E Microprocessor
Pin Grid Array
With Heat Sink

Excellent Condition
$50.00 - Includes Shipping

If interested please E-Mail me at:

gargoyle@prolog.net

Thanks,
Mark...

625. FS: lots of tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jim@rio.com
Message-ID: <4kjujm$1om@wave.rio.com>
Source record: 202867

For Sale: Two repairman boxes full of tubes.

I have two of the old style repairman comes to your home and fix the TV or Radio type of boxes full of tubes. My father and his
brother had a old style general store back in the 50's and 60's. They sold appliances and actually provided a TV cable service to a
small town in the mountains of Virginia. They also repaired TV's and Radios. The stored burned down in the late 60's and they
never rebuilt it. Both these boxes are full of vaccuum tubes plus a small bag of tubes that won't fit in the boxes. I'm sure some of
them are used but most are probably new. I don't know what the inventory is but will be willing to scope it out in whatever way
some one who is interested in buying may want.

My father passed away about a year ago and I found these boxes stashed away in basement. I will sell them to the best offer. If
you"re interested, e-mail me direct.

Best, Jim

626. FS: Lots of tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jim@rio.com
Message-ID: <4kjuo1$1om@wave.rio.com>
Source record: 202868

For Sale: Two repairman boxes full of tubes.

I have two of the old style repairman comes to your home and fix the TV or Radio type of boxes full of tubes. My father and his
brother had a old style general store back in the 50's and 60's. They sold appliances and actually provided a TV cable service to a
small town in the mountains of Virginia. They also repaired TV's and Radios. The stored burned down in the late 60's and they
never rebuilt it. Both these boxes are full of vaccuum tubes plus a small bag of tubes that won't fit in the boxes. I'm sure some of
them are used but most are probably new. I don't know what the inventory is but will be willing to scope it out in whatever way
some one who is interested in buying may want.

My father passed away about a year ago and I found these boxes stashed away in the basement. I will sell them to the best offer. If
you"re interested, e-mail me direct.

Best, Jim

627. -= IC-125 Need mods for 2M and 9600 =-

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: Steve K Brown <Steve@deltabbs.demon.co.uk>
Message-ID: <829259213snz@deltabbs.demon.co.uk>
Source record: 202869
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,uk.radio.amateur

Hi,

I have recently obtained an Icom IC-125 High Band PMR radio, which I intend using for 9k6 linking. It is a 5 channel, diode-programmable synthesised radio of the upconverting kind, so should give excellent BER performance.

I believe I need to change crystal X2 to 40.2166 MHz and retune to get it into the 2M band, and fm X1 (21.4 MHz) with a varactor for modulation.

Does anyone have any experiences of this set, and I would *really* appreciate a copy of the circuit diagrams etc.

Here's hoping ;-)

Steve

--
#---#
| Steve Brown Voice: +44 252 546542 Email: steve@deltabbs.demon.co.uk |
| Delta BBS - The Biz! +44 252 546545 Free Access, Echomail, Files etc. |
#---#

628. Re: *** Manuals For Sale *** - manuals.doc [01/01]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4kjqa1$eqr@news.syspac.com>
Source record: 202870

qwick@interaccess.com (Qwick) wrote:

>braymer@InfoAve.Net (Bobby Raymer) wrote:

>wtf is all that crap?? I'm serious... I need doc... and manuals...
>for peaking and tuning.. and also mod info on Uniden 66,
> Ranger 2950, Cobra 29 23-channel and most important..
>a Midland ??? got it from walmart
>any help would be appreciated

This area is mainly for "AMATEUR" Radio, hence the word amateur in the
group name. Good luck.

C. Dean Norris
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

629. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kk9ag$4ev@crash.microserve.net>
Source record: 202871
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

>>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>jackl@pinetree.microserve.com (WB3U) writes:
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>>2) The outside of the coax is acting as a halfwave resonant
>>structure, IE antenna, and antenna theory must apply.

>Antenna theory based on unterminated lines will not apply. The 1/2
>wave shield is not unterminated.

>It is not terminated in its characteristic impedance, however, so
>reflection theory still applies, the standing wave still exists,
>and this is antenna current, not transmission line current.

First, I disntinctly remember an implication by you in a reply to Tom
that the single conductor had no characteristic impedance. Does your
answer above mean that you now accept the statement that it does?

Second, I did not say there would be no standing waves on the shield.
However, regarding standing waves, your misunderstanding of this
mechanism is very evident from your reply to Tom in another post. You
were asked "if I ground the far end of a half wave antenna, the
current maximum STILL occurs in the middle instead of the end?" Your
answer was "Yes".

What you have failed to consider is that if the terminating impedance
is higher than the surge impedance of the shield, standing waves will
create voltage maximas on the ends of the shield. If the terminating
impedance is lower than the surge impedance of the shield, standing
waves will create *current* maximas on the ends of the shield.

In between an open and a short, the impedance at the ends of the
shield will be some intermediate value and this is why the 1/2 wave
shield does *not* present the high impedance of an open-ended antenna.
Rather, it reflects the common mode impedance at the transmitter back
to the source.

> The error at 2 is your error. You're trying to apply a special case,
> a matched line, to the general case of a mismatched line.

No I'm not. You're reading something into my post that I didn't say.
I'm hoping this is because you're beginning to realize that what Tom
and I have been saying is true. It would be nice to reach a
consensus. ;)

> You're falling into the trap of implicitly assuming a matched
>termination for the currents on the outside of the outer conductor.

One of my earliest posts in this discussion mentioned standing waves on the shield. I *never* said the line was flat.

>In fact, Earth is extremely unlikely to provide a matched termination
>to this current, wave reflection will occur, and the behavior of
>currents and voltages on the halfwave section will be similar to
>those found if it were operating in isolation, IE the normal antenna
>current standing wave pattern will exist.

You're completely missing the fact that the impedance at the ends of a 1/2 wave wire will depend almost entirely on the nature of the termination and the degree of mismatch.

>Incidentally, that's why a halfwave vertical worked against ground
>has a very high base impedance, and you have to tap up on it with a
>shunt feed to match a 50 ohm coax to it.

If you terminate the far end of the vertical with a resistance to ground, the base impedance will be reduced accordingly. That's why your statement that the shield exhibits the same impedance as a 1/2 wave open-ended antenna is completely untrue.

Gary, at one time you stated that the reason for the high impedance was that the transmitter represents an open-ended wire. Now you're arguing that a 1/2 wave wire will *always* exhibit voltage maximas on its ends, just like an antenna, regardless of the termination. This sounds as though you have no evidence to verify either statement and you've simply presented them both in order to hedge your bet. ;)

73,
Jack WB3U

630. Need mod for IC735 noise blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4kk4mu$4d7@news.usit.net>
Source record: 202872
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Is there an improvement mod for the IC735 noise blanker? If I turn the blanker up high enough to reduce the noise, the audio becomes distorted.

Thanks,

Steve, WA4GZE

631. Re: Combination cellphone, commercial 2-way radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: Ned Worcester <nworcest@nwlink.com>
Message-ID: <4kk65v$9qt@texas.nwlink.com>
Source record: 202873

Other than the Nextel, you may have seen a relatively new Sandard 800 mhz trunking radio. It has a "flip phone" appearance, and will both function in the traditional dispatch mode, but also as a full duplex interconnect for phone calls.

Ned Worcester

bobw@col.hp.com (Bob Witte) wrote:
>The other day, I'm reasonably sure I saw a radio that was
>a combination cellular telephone and commercial grade
>HT. I did not get a chance to find out the mfg or model.
>Can anyone confirm that this exists and point me to a
>manufacturer?
>
>Or maybe I was hallucinating again.
>
> Bob KB0CY
>
>Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE
>

632. Can RS HTX-212 be mod to HTX242 extras ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: shamrock@microagewny.com
Message-ID: <4kk40t$fhh@mawny.microagewny.com>
Source record: 202874

Radio Shack has come out with a new 2mtr HTX-242 which seems
basically the same unit as the HTX212 only more channels and
out of band recieve able to be put in memory..

Does anyone know if the HTX-212 can be modified/upgraded to a 242
with a chip/programming change for a reasonable fee..or if
Radio Shack service centers will be able to do the upgrade if
possible...

thanks
bill
n2yte

shamrock@microagewny.com
****
****** NOTE: old e-mail address was shamrock@buffnet.net ******
****

633. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: parf@aol.com
Message-ID: <4kkadm$3q2@newsbf02.news.aol.com>
Source record: 202875

Hello FT736R owners (inc. me),
In the Proceedings of the 21st Eastern V/U Conference (available thru ARRL) there is an article by Bruce Wood N2LIV and Ron Katz WB2DVK on "revitalization of the 736." It describes entirely new front ends for the xcvr. These are commercial front ends. Noise floor, NF, and dynamic range were the areas of improvement. I have not bought these.
I am a bit disappointed in the features of the rig. Even my FT650 had a built in attenuator! Also seems like a rig in this price range would have xvrtr outputs and the ability to turn OFF the AGC. Hard to measure sun noise when the AGC is always on (I don't need 3 different AGC speeds).

Dale WA2YPY awaiting the 746R

634. Re: Help me, do linears need antenna tuners ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kkap0$3u7@newsbf02.news.aol.com>
Source record: 202876

In article <4kjep4$81r@guava.epix.net>, kleerdex@epix.net (Vic Klein)
writes:

>In my experience, the matching network of tube-type finals
>such as with a linear amp are adequate for up to a 3:1
>SWR, which is actually about all many tuners are capable
>of. Paying big bucks for an external tuner is pretty much a
>waste, IMHO.
>
>Now with solid state finals, another story...
>
>Make sure the antenna can handle the power as well..
>
>=Vic=
>WA4THR

Vic's quite right. Any PA with an adjustable nework doesn't care what the
load SWR is, as long as the network can still tune correctly.

A high SWR doesnt make tubes wear out, and doesn't necessarily make the
tank get hotter. It is as likely to make the tank run cooler as hotter!

The only real worry is if the voltage of the loading cap is exceeded, or
the thing just won't load.

73 Tom

635. Re: Help me, do linears need antenna tuners ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: "Tom V. Pfaffenbach" <tvpfaffe@mail.delcoelect.com>
Message-ID: <4kk1c9$4ug@kocrsv08.delcoelect.com>
Source record: 202877

Hi Peter;

If your antenna presents an SWR below 2:1 the typical tube linear pi net will suffice. As to low pass filtering the connection of the filter is after the source of high order harmonics that you wish to suppress, but since the filter has a given impedance - probably 50 ohms- it goes before the tuner. It must be capable of the full power output from whatever is driving it. If you only have a 100 watt filter available you must put it after the exciter and before the amplifier. It will suppress the harmonics originating in the exciter. Most filters and tuners are rated for continuous RMS power. The average power in a SSB voice wave form is typically at least 10 db below the peak, so unless something arcs over from voltages on the peak, and tells you immediately that you have a problem from peak power levels, you probably will never have a "burnout" from overheating.

73 de K9JDU

636. Re: Unlawful reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDppurA.2Bp@netcom.com>
Source record: 202878
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc,alt.radio.scanner,rec.radio.scanner

Steven Bradley (steven@magicnet.net) wrote:
....

: such are exempt for such laws. Simple task to upgrade it. Point # 4 is that
: I do not know anyone personally who this law has stopped from listening to
: cellular or cordless- as my friends and I do it all the time. Point # 5 the
: only folks this law applies to is law enforcement, as it prevents them from
: gathering evidence from a cellular or cordless phone conversation without a
: court order, where it was possible to do so before without.

You might want to add point #6, which is that most scanners, which are
"incapable" of receiving cellular, can still pick it up when tuned to
frequencies outside the cellular band. The filtering is not adequate to
suppress the reception in "image" frequencies.

637. Happenings-- Tailgate Picnic Hamfest

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: N4UTN@gnn.com
Message-ID: <4kkjfm$kin@news-e2b.gnn.com>
Source record: 202879

THE FIRST ANNUAL

CENTRAL VIRGINIA AMATEUR RADIO ASSOCIATION'S

Tailgate & Picnic Hamfest

Day, Date and Time: Sunday, May 5th, 1996 12:30 - 4:30 pm

Place: Shreve Park/Altavista, VA (Trade Lot)

FESTIVITIES

Ham Radio Fleamarket/Tailgaiting or Table Setup
Live Music, Fine Barbequed Foods, Introduction to
Amateur Radio, Event Station (See Ham Radio In Action
Ham Testing Session to be held at Altavista Area YMCA
(old building), 1000 Franklin Avenue (walkins only)

For more information call C. C. Burnette, N4UTN
at (804) 821-6233 or John Kilgore, KD4AWB at (804)
376-2570. Everyone is welcome. Fleamarket your old
radio gear or other items.

Fees are:

$7.50 for general public/tailgate
$8.50 for each additional space..
$6.05 for testing session only

ARRL/VEC

Entrance fee pays for your meal. So let's sell
eat and listen to some music....

CVARA is a non-profit organization Promoting Dependable
Communications and International Goodwill thru
Amateur Radio

Talk-in Frequency 146.835 -600 Rustburg/Long Mt.

638. POCSAG Decoder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: pocsag@l0pht.com
Message-ID: <pocsag-1104962341170001@whacked.l0pht.com>
Source record: 202880
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.scanner,sci.electronics,sci.electronics.misc,alt.cellular,alt.cellular.tech

LHI POCSAG Decoder

Pager data stream monitoring unit

L0pht Heavy Industries is proud to announce the release of our POCSAG monitoring unit. Used in conjunction with a radio scanner or receiver, it allows off-the-air decoding of POCSAG paging signals at 512, 1200, or 2400bps. Both numeric and alphanumeric messages will be decoded, as well as a hex dump of raw POCSAG codewords.

This system is useful for the testing of paging systems and transmitters. With the included software, one may reject or log to disk specific pager capcodes, making it easier to track only the necessary signals. The device is powered off a PC-compatible serial port and is extremely small - handy for portable use.

The unit is available in both kit ($59.95 + s/h) and fully-assembled ($89.95 + s/h) versions. All components, schematics, software and documentation are included. Fully-assembled units are tested before shipment. General soldering and electronics knowledge is required to construct the unit from kit form, so please be aware when ordering. LHI is not responsible for any results, good or bad, produced by the user during use or construction of the product, so consider the assembled-unit if you are not confident in your assembly skills.

Name: _____

E-mail Address: _____

Mailing Address: _____

_____

City, State: _____

Country, Postal code: _____

Number of units: _____ Circle one: KIT ASSEMBLED

Amount Enclosed: _____

To:

POCSAG Project Division
c/o L0pht Heavy Industries

P.O. Box 990857
Boston, MA USA 02199-0857

Please include $59.95 for kit-form or $89.95 for fully-assembled unit plus $5.05 for shipping and handling in United States currency for each unit ordered. We will ship all orders via First Class United States mail to anywhere in the World. Cash, Check or Money Order accepted, sorry no Credit Card orders. Please make all checks payable to L0pht Heavy Industries. Massachusetts residents please add 5% sales tax. Please allow four to six weeks for delivery.

L0pht Heavy Industries (L.H.I.) assumes no liability for lost or misdirected mail. LHI reserves the right to refuse sale of this unit to any person, organization or entity. All sales are final.

Any questions can be directed to pocsag@l0pht.com

An HTML version of this document can be found at:
http://www.l0pht.com/~kingpin/pocsag.html

639. Mods for DJ582?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: Wally@moor.slip.uky.edu
Message-ID: <720.6675T27T755@moor.slip.uky.edu>
Source record: 202881

A friend is wanting to know what mods there are for the DJ582. He has both a 582 and a 580, but the 582 has different coloured wires and he wants to be sure he's cutting the correct wires.

I assume he wants both tx/rx.

Thanks

--
-.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.. .
. Walter Francis _. KT4LH .
- HP48GX Alinco DJ580 Icom 281 Kenwood 530S o:o -
. Wally@POP.UKY.EDU Life begins on 80 .
--... ...-- --... ...-- --... ...-- --... ...-- --... ...-- --... ...-- ..

640. Re: Motorola Amateur radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: Len Revelle <lenrev@wwa.com>
Message-ID: <316DE5E7.BE3@wwa.com>
Source record: 202882

AA9IS wrote:
>
> A couple of months ago I saw a couple of aticles indicating that
> Motorola was planning to offer radios built for the Amateur radio market.
> Has anyone heard any more about this?

Someof the guys at my RACES unit are Motorola employees. One has a 2 mtr
Motorola HT but said to date thay are only available overseas. It was
about the size of a Visar and looked much like most of the current mini
jobs.
--

****
| Len Revelle lenrev@wwa.com |
| Illinois CIS 72607,1320 |
| KE9YR |
****

641. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: nrj@cdx.net
Message-ID: <4kjanr$ec3@news.bellglobal.com>
Source record: 202883
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

bobclary@baldcom.net (Bob Clary) wrote:

>nrj@cdx.net (Rob M.) wrote:
>Rob,

>>So you're teaching ..e group latel;y???

>I didn't write the part about the 11 year old.

>The message was posted in ALT.RADIO.SCANNERS also and, I think the
>person who cross posted his reply to ALT.PIRATE.RADIO may have done so
>by mistake, I did the same thing.

>I didn't respond to your mail, because there was little to respond to.
..
so who really cares,

>I'm only responding to your silly sarcasm here, because when I didn't
>respond to the mail that you sent me, you had the bad tast to push the
>issue and repost what you sent me in private to this public forumn.

Wrong, I always post via "post reply" and email, they go at

the same time. Bad taste has nothing to do with it. In some

groups post dont always make it in tact email almost always

does. Lets just call it diversity transmission. This is
being posted in the exact same manner (check the times in
the header).

>>Was Internet your first contact with the REAL world???

>I have had lots of contact with the real world, and the internet is
>not it.

We''ll if you followed this whole thread and walked down the
streets of some large cities or went into a bar, I would say
the the same diversity of personality types would exists,
unlike in some small town (or small countries) where almost
everyone thinks the same.

>Sad that you think it's the real world. The tone and style of
>your messages suggests to me that you need more real world face to
>face interaction with people.

No I just get fed up with self righteous people who get holier than thou for no good reason.

Look, hereis the situation; Yest the original poster probably wanted attention, thats obvious. But beyond that he is typical of so many creative people I deal with everyday. His little pirate radio transmitter has an intermittant problem. He obviously had some great vision of what he would do with it and being more creative than technical lacked the analyical ability to define what the fault really was. Because this was a deeply emotional event for him he expressed it the way he did. I hear program directors and on air radio talent do the same thing every day.

The bigots reject him more because of what he represents than what he said.

As fhe crap about 11 year olds, etc. listen to them talk some times, like wise for some people's mothers, etc. etc. What they really do like is the mental mode of the poster, in other words discrimination.

As for the excuse that it was crossposted. An FM 25 is not remotely cosidered any kind of ham gear, so regardless of where it went I still submit that they are responding to alt.pirate.radio where the post is not all that big of a problem.

Rob

642. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: nrj@cdx.net
Message-ID: <4kjb9v$ec3@news.bellglobal.com>
Source record: 202884
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

jlundgre@delta1.deltanet.com (John Lundgren) wrote:

>Bob Clary (bobclary@baldcom.net) penned:
>: nrj@cdx.net (Rob M.) wrote:
>: Rob,

>: >So you're teaching your eleven year old to break federal

>: >laws and build or operate pirate stations, (Checked the name

>: >of the group latel;y???

>: I didn't write the part about the 11 year old.

...

>So he did it to you (Bob Clary) too? Welcome to the club!

>As for you, Rob M., I'm sick and tired of your dissing. The three emails
>that you sent me went to the trash can before I read them. If you have
>anything further to say, post it here, or save your breath!

John:

You're starting to loose it. Any email you get is merely a
"CC" of a post. So turn off the paranoia alert.

>I agree with the following paragraph 100 percent! I suggest that others
>do the same, and discard his unread email.

I must say, though, the quality of your ecent posts has
improved somewhat. Your mis-information level is about two
thirds lower than a few weeks ago.

A lot of us still want to know if its their tax money that
pays all your on line fees. And are you doing all this
during working hours at their expense.

Rob

643. Re: Unlawful reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: ridgeway@seikotsi.com
Message-ID: <4kk8vs$jfi@news1.seikotsi.com>
Source record: 202885
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc,alt.radio.scanner,rec.radio.scanner

myers@West.Sun.COM (Dana Myers) wrote:
>Kevin Kadow <kadow@komondor.cig.mot.com> wrote:
>>In the USA, it is unlawful to import or manufacture a radio receiver capable
>>of intercepting cellular telephone frequencies.
>This is not true. It is unlawful to import or sell a scanning receiver;
>scanning receiver in this context means 4 or more channels. You can
>build a receiver that doesn't scan and the ban wouldn't apply.
>This is off the top of my head after reading Part 15 a few months ago.

I believe you are in error. The law was put in place to prohibit unathorized tapping of Telephone Conversations. If you were to listen to a Cell conversation, this would constitute tapping of the line as only a small portion of the conversation is actually on the air. The rest is on copper or fiber. This is the same with cordless phones.

Your statement about scanning rcvrs is also incorrect. I can order a rcvr with full coverage from 100khz to 1.9Ghz (except cellular bands) with 1000 channels. I did it this year when I purchased an AR8K. The loophole is manufacturing the scanner. It states the unit cannot be easly modifable. Yet multiple ads in magazines offer 800Mhz restore for $40-$50. Obviously, a loophole or just not being inforced. I purchased software and an interface for the 8K and all I had to do was click a button on the screen and put the unit in download mode. Real easy if you ask me. The law as it stands is esentially a joke. Many double conversion rcvrs will pick up cell when legal freqs are plugged in and scanned. Does this constitute as a violation of the law??? I had a RS PRO-39 and while at the sceen of a suspected bankrobber hold up in an apartment. I heard the FBI talk about the suspect, I was scanning legal trunk freqs. Am I a criminal because I heard the conversation, NO! But IF I were to use that info maliciously and it could be PROVED that I got it from the scanner then YES I would be committing a crime. Also, the conviction of the man how modified receive only trunked radios to receive other talk groups than the police dept had placed in them for the media was reversed. (can't remember source, maybe MT or USSN) There are more laws that apply to scanning than part 15, try the ECPA.

73's

//r\\

644. Re: TS850 vs TS450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: ed.welch@cheaha.com
Message-ID: <8BE7523.0409000CB8.uuout@cheaha.com>
Source record: 202886

-> I have both, and primarily use the 450 as a mobile/RV rig because of
-> it's smaller size. Both are very good, but the 850 definitely gets
-> the nod as a low noise receiver, and the ability to vary the passband
-> response really helps sort out weak signals. Good luck with your
-> choice - you won't be disappointed with either of them!

I too have been looking at these transceivers. How about the built-in
antenna tuners? Good? External tuner better? Thanks, I'm just getting
into HAM and all the options and choices are really bewildering.

Take care,

Ed Welch
ed.welch@cheaha.com
Cheaha!!!

645. WTB: Manual for IC-3200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: Bob Curci <Bob@excaliber.com>
Message-ID: <316DC141.3CE5@excaliber.com>
Source record: 202887

I am in need of a operator's manual for an Icom IC-3200. If anyone has one and would like to part with it or a copy of it, I would be glad to pay for shipping and copying costs. Thanks

Bob.
N2XWK

646. Collins 651S1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: "Bram Bottema (SM0FLY)" <bram.bottema@medonic.se>
Message-ID: <316D53B7.6253@medonic.se>
Source record: 202888

Hi !

A friend of mine owns a Collins 651S1.
The digital readout tubes are unfortunately almost 'dead'.
Anyone who can help him with a new set of these tubes ?

Data :
Tungsol digivac s/g trademark dt-1704c

73/Bram SM0FLY

--
==
e-mail : bram.bottema @ medonic.se
PGP public-key : http://www.pi.se/sm0fly/pgp.asc
URL : http://www.pi.se/sm0fly/sm0fly.htm
==

647. Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: pmzone@clearlight.com
Message-ID: <DppMD2.1Ls@firewall.tasb.org>
Source record: 202889
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.misc

Does anyone know if a newsgroup exist where HDTV issues are discussed?

If not, I figured our amateur radio newsgroup would be the best place to post a technical question about the impending HDTV broadcasting changeover...So here it goes....

The projected cost figures of the HDTVs are extremely high compared to current TVs. I suspect the majority of american families will be unable to come up money for the HDTVs.

Since HDTV transmissions will be incompatible with the current NTSC transmissions, is it possible and likely that TV accessory manufacturers will come up with an economical convertor box to convert HDTV transmissions into NTSC signals, so that HDTV broadcasts can be viewd by regular NTSC TVs?

Your comments on the topic are appreciated. Please email your response to pmzone@clearlight.com. Thank-you

73, KB8VBA

648. Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: pmzone@clearlight.com
Message-ID: <Dpptz6.EKx@firewall.tasb.org>
Source record: 202890

Does anyone know if a newsgroup exist where HDTV issues are discussed?

If not, I figured our amateur radio newsgroup would be the best place to post a technical question about the impending HDTV broadcasting changeover...So here it goes....

The projected cost figures of the HDTVs are extremely high compared to current TVs. I suspect the majority of american families will be unable to come up money for the HDTVs.

Since HDTV transmissions will be incompatible with the current NTSC transmissions, is it possible and likely that TV accessory manufacturers will come up with an economical convertor box to convert HDTV transmissions into NTSC signals, so that HDTV broadcasts can be viewd by regular NTSC TVs?

Your comments on the topic are appreciated. Please email your response to pmzone@clearlight.com. Thank-you

73, KB8VBA

649. FS Yaesu FT890

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.OSF.3.91.960410190939.13743A-100000@biggulp.callamer.com>
Source record: 202912

Mint condition with warranty card TS890 with 500 Hz CW filter.
Protective LCD coating and cardboard backing still in place.
Microphone modified to incorporate electret cartridge. Matching
FT757 switching power supply available.
All of above $1250 with shipping double boxed within USA.
All of the above WITHOUT FT 757 switching power supply, $950.
Cliff Buttschardt W6HDO cbuttsch@slonet.org
(805) 772 2132
Morro Bay, Calif

650. Swap-Fest Tailgate Party

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: braymer@InfoAve.NET
Message-ID: <01I3E6RY58DE8YTAKQ@InfoAve.Net>
Source record: 202913

There will be a Ham Radio Swap-Fest Tailgate Party April 27,1996
Starting at 8:00 AM CDST till ?? at the Algood School on East Main
Street in Algood,Tennessee.

FREE ADMISSION NO CHARGE TOO SETUP EVERYONE WELCOME
Radio Gear ONLY SORRY NO CRAFT STUFF ALLOW

Algood is right off Highway 111 North 5 miles North of Interstate 50
take Cookeville Algood Exit go north too Algood Exit,Talkin Frequency
145.110 -600 Repeater

For futher information Email too Bobby Raymer AD4HL at
braymer@InfoAve.Net

651. Re: AEA DSP 232

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: iancamp@io.org
Message-ID: <4khrrr$gs6@news1.io.org>
Source record: 202914

In article <4kh7rm$15pa@usenetp1.news.prodigy.com>, EJVJ40A@prodigy.com says...
>
>I have had my DSP 232 for about two weeks and I cannot seem to xmit or

HI George,
I just bought a DSP-232 myself. I have i working in ASCII and BAUDOT just fine using both the audio AFSK output and the FSK (true FSK keying) outputs.

What is weird though is that AEA forgot to put a CW key output on the back of the unit... Morse software works just fine, but you can't use it because you can't get at it.

The received characters are displayed real funny as well (five at a time ??). I also can't stay connected in PACTOR.....

Other than that, a really fine unit..

73,
Ian Campbell
VA3IC

652. Re: *** Manuals For Sale *** - manuals.doc [01/01]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: qwick@interaccess.com
Message-ID: <4ki01n$scf@nntp.interaccess.com>
Source record: 202915

braymer@InfoAve.Net (Bobby Raymer) wrote:

wtf is all that crap?? I'm serious... I need doc... and manuals...
for peaking and tuning.. and also mod info on Uniden 66,
Ranger 2950, Cobra 29 23-channel and most important..
a Midland ??? got it from walmart
any help would be appreciated

653. Re: CB MODS NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-1004962038040001@wpaul-mac.qualcomm.com>
Source record: 202916

In article <4kh9op$mod@nntp.interaccess.com>, qwick@interaccess.com
(Qwick) wrote:

> I need mods for the following:
> Uniden 66
> Ranger 2950
> Cobra 29 23-channel
> and most important.. Midland ??? a cheapy from walmart
> Any other info on linears or amplifiers would be of great help too.
> Thanks
Yea, there's a good book covering most of the models you mentioned. I
belive it is called "CQ for newbies" by U.R. Trolling.

-BP

Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com
---

654. Help on Service Monitor Recommendations!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: KMAGLOUGHLIN@delphi.com
Message-ID: <4khv2d$6m2@news1.delphi.com>
Source record: 202917

Quoting martvin from a message in rec.radio.amateur.equipment
>From: martvin@ionet.net (Martin T. Vinson)
>Newsgroups: rec.radio.amateur.equipment
>Subject: Re: Help on Service Monitor Recommendations!
>Date: 9 Apr 1996 06:51:54 GMT
>Organization: Internet Oklahoma
>Lines: 21
>Message-ID: <4kd1ea$s90@ionews.ionet.net>
>References: <4jvhc0$6d1@cville-srv.wam.umd.edu>
>NNTP-Posting-Host: osip81.ionet.net
>Mime-Version: 1.0
>X-Newsreader: WinVN 0.93.14
>In article <4jvhc0$6d1@cville-srv.wam.umd.edu>, ham@w3eax.umd.edu
>says... >
>>I too, like Motorola monitors...I have a 2002B and a R-2456A...
>One word of caution on the 2000 series...although they are really good
>monitors, they have stopped making parts for them and no longer support
>anything older than a "D" series...As time goes by, they will stop
>supporting them also, simply due to their age...There is an occasional
>bargain though, I recently rebuilt three 2000 series monitors, replacing
>the CRT's, several boards, power supplies and completely overhauling
>them to practically new...I sold one for $3K and the other for $2,800.
>(missing handle) I kept the nicest one for myself. You can probably
>find a nice R-2400 series, or maybe even an older R-2600 or 7550 for
>around $5K. Try Leasametrics Inc. in Dallas...they rent them out for a
>year or two and them sell them at (frequently) very good prices. They
>calibrate them before they leave and sell them complete with warranty.
>I have bought stuff from them before and been very pleased...A used
>R-2400 (monitor, spectrum analyzer etc.) should run around $5k,
>depending on age. A R-2600 will probably run a bit more...If you can
>find a R-7550, they sell new for about $8K...used price for one two or
>three years old would probably be in your price range..Regards...M.T.
>Vinson, KN6UG
>.

The statement about non support of the older products is somewhat true and I was remiss for not mentioning it earlier. The last time I spoke with the test equipment repair folks in Schaumburg they told me they would not support the A models. B models are supportable IF you whine at them enough and such. They would definately support C models and of course, the current D models.

If I were buying one, I would buy nothing older than a B model. C and D models are, of course, the preferable choice.

Kevin KA0JQO

The only that stays the same is change. - Melissa Etheredge

655. Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: KMAGLOUGHLIN@delphi.com
Message-ID: <4khv35$6m2@news1.delphi.com>
Source record: 202918

Quoting RobertHxyvald<72242.477 from a message in rec.radio.amateur.equipmen
>From: Robert Hxyvald <72242.477@CompuServe.COM>
>Newsgroups: rec.radio.amateur.equipment
>Subject: Radio Mods.
>Date: 7 Apr 1996 03:15:24 GMT
>Organization: CompuServe, Inc. (1-800-689-0736)
>Lines: 3
>Message-ID: <4k7c0cdat1@mhadf.production.compuserve.com>
>If making modifications to allow extended rx/tx on amateur radio
>is illegal then why is motorola allowed to sell comm. radios that
>tx in the amatuer bands (146-174) ???
>.

The answer is simple. Radios that are type accepted in the amateur radio service have user selectable frequency capability. That means the user picks the frequency it transmits on.

Radios that are type accepted in the various commercial radio services do not allow the user to pick the frequency, only select from one or more predefined channels that cannot be changed except with means the user does not possess, such as a programming jig or cable, pc based software and adapter cables and stuff like that.

Because commercial radios are not field programmable, there is no problem with allowing them to transmit in the amateur bands because a knowledgeable person must make an effort for those radios to do so. That implies a person has permission (license) to use those frequencies.

I can take an old motrac and throw channel elements in it and it will tune up on the ham bands. The only difference is between having the frequency selected by the channel elements or by a piece of software that runs on a pc. I am glad Motorola has allowed the overlap of band ranges because it allows me, as a user, the flexability to use first rate equipment and not experience the intermod and other problems that others, who run rice powered equipment, constantly complain about.

Kevin KA0JQO

The only that stays the same is change. - Melissa Etheredge

656. Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: KMAGLOUGHLIN@delphi.com
Message-ID: <4khv62$6m2@news1.delphi.com>
Source record: 202919

>From: gary@ke4zv.atl.ga.us (Gary Coffman)
>Subject: Re: Radio Mods.
>Message-ID: <1996Apr8.151646.28149@ke4zv.atl.ga.us>
>Reply-To: gary@ke4zv.atl.ga.us (Gary Coffman)
>Organization: Destructive Testing Systems
>References: <4k7c0cdat1@mhadf.production.compuserve.com>
><4k7e28$hhp@news.inc.net> <4k7hpg$r0p@news.wco.com> <4k9to3$rqr@cu.co
>Date: Mon, 8 Apr 1996 15:16:46 GMT Lines: 67
>In article <4k9to3$rqr@cu.comp-unltd.com> saremington@imt.net (Scott
>Remington) writes: >Could someone please explain what 'type
>acceptance' is and why it's so >important (to the FCC)?
>Ok, I'll try. Type Acceptance is a specific set of design criteria and
>performance criteria that a radio has to meet, in a FCC lab test, before
>the FCC will allow it to be used in certain radio services (most radio
>services other than amateur). There are a number of performance criteria
>having to do with spectral purity, modulation acceptance limits, and
>the like that it has to meet under a number of specified environmental
>conditions so that a *non-technical operator* can use it with reasonable
>assurance that it won't cause an interference hazard to other users,
>particularly life safety service users, operating on other channels.
>In addition, the radio must have other design factors so that the user
>can not change the radio's operating frequency to one where he is not
>licensed to operate. This latter is a fairly recent addition to the
>Type Acceptance criteria for land mobile radios, though it has always
>been true for CB radios. Older land mobile radios could be user
>programmed to other frequencies. Unthinking operators did that, and
>caused problems, so now it is forbidden for Type Accepted radios to be
>frequency programmable by the user onto frequencies for which they do
>not hold a license. Typically the radio shop that sells the radio will
>program it using a special interface and software to only the channels
>the buyer is licensed to use.
>This requirement is a pain in the ass to amateurs when and if such
>equipment falls into their hands via the surplus channel, of course,
>since it makes it difficult to make the radio frequency agile in
>the amateur bands. That's the price we pay for idiots operating out
>of band. The FCC is beginning to get ticked about amateur radios
>being modified for out of band operation too, and has started to
>put pressure on the importers to make the radios harder to modify.
>This is also a PITA for legitimate users who need wider coverage
>for MARS/CAP or for driving a transverter.
>The whole point of Type Acceptance is to try to make it difficult
>for the operator to operate the radio illegally, and to make sure
>that a non-technical user won't inadvertently cause interference
>to users on other channels through spurious radiation or due to

>excessive modulation or other funky behavior caused when he does
>something dumb, like operate into a bad antenna.
>If too many amateur radios start showing up on the channels of
>services where they are not approved, we're likely to see a
>repeat of the HF external amplifier rule which imposed Type
>Acceptance on those amplifiers because they were being so widely
>abused on the CB band, IE we may find that our VHF/UHF radios
>will be required to be Type Accepted, showing only channel numbers
>with no way for the user to change the frequencies stored in those
>channels.
>Amateurs are assumed to be technically skilled (they've been tested)
>and are assumed to know the regulations (they've been tested) and
>it is assumed that they will abide by the rules (they're supposed
>to self-police) so Type Acceptance hasn't been imposed on amateurs.
>But if abuse becomes rampant, as it did with external power amplifiers,
>then Type Acceptance might be imposed, and that would be a horrible
>black eye to the amateur service, not to mention that it would drive
>the price of amateur radios through the roof. So don't use amateur
>radios where Type Accepted radios are required.
>Gary
>--
>Gary Coffman KE4ZV | You make it, | Due to provider
>problems Destructive Testing Systems | we break it. | with
>previous uucp addresses 534 Shannon Way | Guaranteed!
>| Email to ke4zv@radio.org Lawrenceville, GA 30244 |
>| .

Totally agree!
You would not believe the number of times I have gotten into heated discussions with people who want to, or have modified their radios to do things they are not supposed to be doing. This all goes back to the god concept that some amateurs have about having a license and being able to do what they want. Others suffer from a case of the cheaps because they want to carry a portable or mobile for amateur use and want to use it as an EMT or other service and don't want to make the investment in a real radio for the application.

The bottom line of this whole arguement is, if you really need a radio for commercial service, someone will buy it for you OR you can save your pennies and go buy a real radio yourself.

There is not a single legitimate arguement for transmitting out of band in another radio service. PERIOD, end of story, close book.

Now I can see the barrage of arguements coming about transverters and health and welfare, etc, yadda, yadda, yadda. Transverters first. What did I just say? I said TRANSMITTING. Using a radio out of band to drive a transverter is NOT transmitting. It is assumed the out of band signal is not for transmission. The resulting transverted signal, on the other hand, IS. So with transverters, there is no problem. Besides, what we are really discussing are the cowboy type amateurs who are really cop wannabees who

have watched way, way too many COPS episodes and go purchase an old state troopers cruiser and fill it up with ham gear to, at first, listen to their local VHF/UHF law enforcement channels. Then things get more interesting as those folks like the feel of the power of being able to key the local sheriff's repeater. They can do something the general population can't and the cool part is, no one, not even the local cops know they are there, and they like that feeling.

Thank God for trunking and securenet. This technology brings a lot of this activity to a screeching halt.

As for health and welfare, the number of high band and UHF users are getting smaller and smaller every day as more cities and states turn to trunking and other technology for management and spectrum effiency. Yes, I am aware of frequencies that are supposed to be monitored for, as an example, statewide use and if you yelled long enough on those channels you might get a law enforcement agency. The problem is, there are too many other methods of summoning help that are instantly available. Going on other services radio system to get help is the LAST resort. When we ask the question of an emergency situation, was an out of band transmission the LAST resort to obtain assistance, the answer, almost invariably, is NO.

I would like to see the blocking of transmission capability above 450.000 and below 420.000 for UHF and below 142.000 and above 150.000 for VHF for the new products introduced into the US market. As much faith as I have in radio amateurs, from what I have seen so far, the problem of out of band transmission will not go away by simply chosing to use equipment properly. The misuse is growing with every new radio introduced and the call for new mods. Every owner of a modified radio thinks he/she is not adding to the problem. Maybe not intentionally but we see now how the internet is being maligned by the media and amateur radio can be seen the same way. (When you see the word media, see a distribution system for information gathered by people who have no idea what they are talking about so they can deliver disinformation to people who are made afraid of those who can do something the general ignorant masses can't. Strange and weird? Only to those who never took the time to see if they might be interested and then to get involved.) It is this type of activity, combined with public disclosure that results in massive fear based legislation that adresses an imaginary problem. Remember the communications decency act? I don't believe it has a chance in hell of making it through the courts, but the FEAR and DISINFORMATION spread about the net gave folks the evangalistic zeal to try to do something to make themselves feel protected. Like I need the government to protect me from the big bad net. Cry me a river. These folks are the ones who are roadkill on the information superhighway and they wrote their congressman to complain. Public knowledge of misuse of amateur radio gives the big corperate boys ammo to attack the amateur radio service to get more paging and trunking system spectrum. We do have an image to uphold!

Magloughlin's Theory: Any stupid idea can be passed into law provided there is enough compelling fear behind it and a profit to be made.

Notice I did not say anything about extended receive. I have nothing against reception of any non encrypted signal. I encourage listening. But I will also mention tightening up receivers is not a bad idea as it would help with a lot of the intermod problems amateurs have in the metro environments we find ourselves living in. The trouble is, no manufacturer of rice powered equipment will spend the money to put a real front end on a radio to be sold to the amateur population. The costs would be prohibitive.

Kevin KA0JQO

The only that stays the same is change. - Melissa Etheredge

657. Re: Question abt 2m ant.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: charnoft@wfu.edu
Message-ID: <4khnj2$r4s@eis.wfunet.wfu.edu>
Source record: 202920

Marci & Dan Mouer (mouer@mail.ameritel.net) wrote:
: I am planning to purchase a 2 meter portable (HTX-202) and maybe a mobile ant.
:
: What is recommended, if it's even neccessary? 1/4, 1/2, 5/8? Is a magnetic
: mount possible?
: Thanks.
:
: -Dan.
:

You will definately want a mobile antenna, not only because of
its better range, but often rubber ducks don't work if you try putting
too much power into them. Which one you want, like everything, depends
on what your doing. A 5/8 has superior gain, but the darn thing's 4 feet
tall (beware of low lying branches!). 1/4 is only 20 inches and in a
city, it's low gain can be an advantage; you get more radiation up and
over the buildings.
Yes, mag mounts are easily available.

I have an htx-202 and am generally pleased. Two suggestions:

Radio Shack puts the htx-202 on sale once or twice a year for under $200;
also there are mail order sites that offer the same rig with same
warrenty at discount. I don't have any numbers or addresses but perhaps
someone who reads this will.

Go ahead and get the extended warrenty. For most items, this is a waste
of money, but with the abuse an HT recieves it's a bargain!

If you have web access, you will be interested in the following site:

http://ourworld.compuserve.com/homepages/wa3rvt/htx-202.htm

--
****
Olin Physical Lab Wake Forest University Winston-Salem, NC
http://www.wfu.edu/~charnoft KE4RJG
* * * * *
All science is either physics or stamp collecting. --Ernest Rutherford

658. Re: Help me, do linears need antenna tuners ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: philrut1@aol.com
Message-ID: <4ki3pm$d3a@newsbf02.news.aol.com>
Source record: 202921

In article <4khqo8$p2b@shore.shore.net>, jjmartin@shore.net (JJ Martin) writes:

>Now, I have heard of people
>blowing traps in their R-7s by attempting to load them on 80 meters.
>Won't work, wasn't designed for that.

Jim-- Didn't we just have this conversation at the "shop" on Tuesday? hi hi

73-- Phil (KB1GO)

P.S. Give Manny a big "OLA" for me!

659. Kenwood TM-241 expanded TX mod- HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: Steve Hicks <usdhicks@cc.memphis.edu>
Message-ID: <4ki3vh$cin@oolong.memphis.edu>
Source record: 202922

Thanks for reading this:

I have a Kenwood TM-241A 2meter rig. I would like to mod it so that I can transmit on local Civil Defense freq (153 mhz) for Races.
Everything that I have found on the mod says to put a 1N914 diode on D209 of the board behind the tone button. The mod worked fine on
TM-231. But on my TM-241, there is a small black chip located where D209 should go. I have tried the diode in several other positions
around there, but none worked.

Does anyone have any ideas? Send any ideas to: usdhicks@cc.memphis.edu

73 & Thanks

Steven Hicks

660. Re: Icom 720A RX problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: robert@kd3bj.ampr.org
Message-ID: <robert.829192528@kd3bj.ampr.org>
Source record: 202923

The Icom IC-720A DEFINITELY has a low band antenna input. To listen
below 160 meters, use the separate RCA connector as your antenna input,
not the SO-238 connector. Gets AM broadcast and lower bands just fine
with a long wire.

(signed)
a former IC-720A owner

--
Robert Garland NX3S @ N3ACL.PA.USA.NOAM
Hilltown Township Bucks County robert@kd3bj.ampr.org
Pennsylvania USA Grid FN20ii
Hams do it bouncing off the "F" layer

661. Sale Azden PCS-4000 $150.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: N4UTN@gnn.com
Message-ID: <4ki50d$q15@news-e2c.gnn.com>
Source record: 202924

Hello,

The name here is Cal.... I have an Azden Pcs-4000 fully
Synth. mobile radio for $150.00... needs backup battery...
will lose memory if disconnected from battery or power supply.
Electronically in great condition.. case worn but front is
great shape... will take $150... Cashiers check, money order
or C.O.D. only... for this 2 meter rig..

Call 804-821-6233 after 5pm est or email me...

Cal, N4UTN@gnn.com

662. Sale Dualband Ht $150

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: N4UTN@gnn.com
Message-ID: <4ki499$po5@news-e2c.gnn.com>
Source record: 202925

Hello,

The name here is Cal.. I have a HW-24t made by Heath. This handheld is fully synth.. Has bookoo functions and works. Needs a battery pack but functional on the one it has. Has slight 3/4 inch crack in case next to bottom.. has no effect on use or operation... will sell for 150.00.. shipped...

Call me at 804-821-6233 after 5pm est or email me..
shipping after receiving certified check or money order or C.O.D. only...
Cal, N4UTN@gnn.com

663. Vertex(Yaesu) Radios... & Mhz Help..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jcon@wdesign.zipnet.net
Message-ID: <jcon-1004962057170001@ip63-max2-bos.zipnet.net>
Source record: 202926

I am looking for a VERTEX radio. I am on a local fire squad and would love to be able to talk to the dispatcher from my car on the way to a fire. This radio must be portable, 5 watts, programable and a scanning radio. I know that the vertex FTH-7008TD fits these specs, has anyone ever used this radio?

I am a little confused about what type of radio i should buy, the fire frequency is 33.7000. i have been told that is a low band, what is a low band??? Is that in the UHF or VHF line of frequencys??

Is there a big dealer of Two-way radios?

If anyone could help me out it would be great.

Jeremy
jcon@wdesign.zipnet.net

664. Frequencies

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jcon@wdesign.zipnet.net
Message-ID: <jcon-1004962229090001@ip107-usr1-bos.zipnet.net>
Source record: 202927

i am looking to by aradio that supports the frequencies 33.000 and 33.700.
I have been told that this is low band. I don't know what that means. Are
these frequencies in the VHF or UHF or neather band?? Has anyone used a
Vertex FTH-7008TD ??

Jeremy
jcon@wdesign.zipnet.net

665. Yaesu FT-50R DUAL BAND

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: felix@netwizards.net
Message-ID: <4kiad5$m8b@news.wco.com>
Source record: 202928

Can anyone tell whether the Yaesu's new Dual-Band 2m/70cm

hand-held radio is modifiable or not.. If you have any other comments

about the radio please email me at : felix@netwiz.net

thanks
steve foster
\

666. Looking for 2N3924

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: 4z9chb@4x4ac.ampr.ORG
Message-ID: <58407@4x4ac.ampr.org>
Source record: 202929

Hello,

I am looking for a transistor model 2N3924. It's a NPN RF medium power transistor. I am not looking for equivalent of NTE (it's NTE473), I have had bad experience with this NTE. If you have any other info about this transistor or maybe have it, I am willing to pay for it and for its P&P. Couple of units will be better then only one, but I can manage with only one.

I can't find this specified transistor any where here in Israel!

My e-mail address: 4z9chb@haifa.ampr.org

TIA !

Best 73's, Ohad Miller, 4Z9CHB.
--

Ohad Miller, 4Z9CHB IP#: 44.138.40.62 |
QTH: Haifa, Israel. | 100 Grids on 880 MHz
Packet: 4Z9CHB @ 4X4HF.ISR.MDLE | 2 DXCC countries on 880 MHz
InterNet: 4z9chb @ haifa.ampr.org | 20 Holy-Land squares on 880 MHz
4z9chb @ 4z9chb.ampr.org |
gt6011 @ junior10.technion.ac.il | Using
Micro-Sats: 4X4HF @ UO-22, KO-23, KO-25 | All-Mode HT - Analog & Digital
=-= |

667. WTB: TEN-TEC LINEAR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: Steve Cockburn <Cockburn@coopts.demon.co.uk>
Message-ID: <rUnEIHAFbLbxEwx2@coopts.demon.co.uk>
Source record: 202930

I am looking for a TEN-TEC Centurian or similar in good condition for a friend (Staurt GM0CAQ) . Please email with details.

Many thanks

Steve GM0VXB
--
Steve Cockburn

668. CW Transmitter-Globe Chief 90, or Deluxe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: "Philip Singley, Jr." <popo@mail.netdoor.com>
Message-ID: <316CD70A.445F@mail.netdoor.com>
Source record: 202931

Looking for an old transmitter used in the 50's and early 60's. The Globe Chief 90 and Globe Chief Deluxe had 807's as finals. Any help appreciated

Phil fmr. K5FSP

669. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kihhj$g9a@crash.microserve.net>
Source record: 202932
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

w8jitom@aol.com (W8JI Tom) wrote:

>The return path can be either "displacement current" or conduction
>current. There doesn't need to be a ground plane or opposing
>conductor.

Actually, there doesn't need to be a return path either. This concept of a "loop" is being misapplied and is absolutely wrong.

Current at the output connector of the transmitter will be *forced* to be equal and opposite by the fact that a coaxial cable is attached. Even if the center conductor is disconnected at the antenna, the current within the coax will still be equal and opposite. This is what satisfies Kirchoff in terms of the current supplied by the opposing poles of the transmitter.

It's also what I meant when I said earlier that RF at the output end of the coax is a free agent. It is under no obligation to Kirchoff or any other law to return to the transmitter, to radiate, to be absorbed by earth, etc. It can fail to do all those things and the two poles of the transmitter will still deliver equal and opposite current.

73,
Jack WB3U

670. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kihkr$g9a@crash.microserve.net>
Source record: 202933
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>WB3U <jackl@pinetree.microserve.com> wrote:

>>>Gary, no offense, but this couldn't be more ambiguous. Voltage is
>>>attracted to all unlike voltages.
>>>
>>>Also, unless you believe that a charge on an object is imaginary,
>>>voltage is indeed a substance. It is the "essential nature" of
>>>the objects under discussion. We can feel it, we can see its
>>>effects, and we can measure it.

>We cannot feel voltage, we can feel currents driven by a potential
>difference (voltage). We can't see voltage, we can only see the
>current flow (spark) caused by the potential difference. And we can't
>measure voltage, we can only infer its presence by measuring the
>current flow it causes through a meter movement. All we can directly
>sense is charge and its flow, <snip> but we can't alter or move or
>measure the potential directly.

Gary, you're absolutely right about this and I should have been more
careful in my comments. Our limited senses and instrumentation don't
allow direct measurement of voltage, only its effects.

This does not mean that voltage is not a substance, however. I used
the phrase "essential essence" intentionally, as this is the very
first definition of "substance" according to my copy of Webster's.

Also, your reply doesn't respond to my statement that voltage is
attracted to all unlike voltages. Are you disputing this or is it
actually a similar disagreement regarding definitions? I reread your
previous post, but I'm still not sure.

Incidentally, unless I'm missing some of your articles, I haven't seen
a reply to either of my posts discussing the impedance of the
transmitter chassis (one was the article quoting the Antenna
Handbook). The common mode impedance of the chassis is one of the
basic issues behind our disagreement regarding the correct shield
length. Have you changed your position on this?

73,
Jack WB3U

671. Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: va3wjr@netrover.com
Message-ID: <4ki30t$mep@netrover.com>
Source record: 202934

Does anyone have any modifications for a Kenwood TH22AT???
Thanx &73's
Larry

672. Re: MFJ Artificial Ground

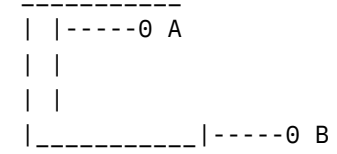
Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kinmo$i4a@crash.microserve.net>
Source record: 202935
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

During the discussion of shield length, I haven't seen anything here about the cause and effect when an end-fed wire is driven directly by the transmitter. The mechanism by which this creates RF in the shack is much different than when coax is used. Considering that many operators probably use an artificial ground in order to minimize problems with end-fed antennas, I think this subject deserves a short treatment.

In the case of coax, RF on the chassis of the transmitter is caused by current flowing on the outside of the shield. The transmitter itself remains "balanced" to the extent that the currents flowing on the inside of the coax are forced by the coax itself to be equal and opposite. This means that equal current is being delivered by each pole of the transmitter (one pole is the center conductor, the other the chassis flange of the output connector).

When an end-fed wire is used, that situation changes. Now there is nothing external to the transmitter proper to force the currents to be equal and opposite, so the antenna attempts to draw current from only one pole of the transmitter. That's a physical impossibility though, because both poles are in series inside the transmitter, therefore the current delivered by both poles *must* be the same.

To explain what happens, the influence of an earth ground connection to the transmitter (or capacitance to ground) must be temporarily ignored. Think of the transmitter as a simple, two-pole RF generator, as shown below:



If a center tapped load is connected across this generator, the voltages at A and B will be equal and opposite if measured to the center tap. Likewise, the current that flows through point A will be equal to the current that flows through point B.

Getting back to the real world, one terminal will actually be connected to the chassis of the transmitter (for sake of argument, call it B). Also, even if there is no intentional ground wire, capacitance between the chassis and earth will be sufficient to reference the voltage at B to ground potential. It must be understood that under these conditions, ground is only providing a reference, not a path for the current produced at the output terminals of the

transmitter. Because of this, very little current must flow between the chassis and ground in order to bring the chassis to near-ground potential.

With ground connected, the voltage from A to B is exactly the same as before, measuring from the center tapped load. However, if we measure from ground, the voltage at B will be near zero, while A will now appear to have twice the voltage as before. As explained in my other post "The Transmitter Chassis", this is why the center pin of the output connector is hot, but the chassis isn't.

Now, when we connect a load only to terminal A, two things happen. Current leaving terminal A must return to the other terminal of the transmitter in order to complete the circuit. If there is no return path, current cannot flow. Because B is not connected to the load, there is only one path for the return current - through the capacitance (or ground wire) between the chassis and ground.

Thus, the first thing that occurs is that a current roughly equal to the current at terminal A will flow through the impedance between the chassis and ground, and also through the chassis of the transmitter. The lower the impedance of the ground connection, the more easily current will flow through terminal A. In effect, the ohmic and radiation resistance of the antenna wire attached to terminal A is in series with the impedance of the ground connection at the chassis.

This leads us to the second phenomenon. Because there is now significant current flowing through the impedance between the chassis and ground, the chassis is no longer held at ground potential by that impedance. Instead, a voltag drop occurs, and the voltage of the chassis rises in proportion to the current flowing out of terminal A.

Thus, the transmitter now has current flowing on the chassis and all conductors attached to the chassis, causing everything to radiate. In addition, the voltage on the chassis has risen above ground, perhaps to a level sufficient to burn the operator.

If there's further interest in this topic, the next discussion should probably include a description of why and how the artificial ground remedies these problems.

73,
Jack WB3U

673. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jaeschke <jaeschke@cordmc.dnet.etn.com>
Message-ID: <4kiuge$s2k@ns.oar.net>
Source record: 202936
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Gary:

I understand that your analogy of the executive toy, but for transfer of power there must be a transfer of charge across a potential difference. Even though one electron may not "flow", the net effect is that one does even if it is made up of little steps of individual electrons.

As I understand it, in the near field of the antenna there is a net charge that flows between the radiating elements (gound plane as well) with its source being the transmitter. The movement of this charge creates the H field and the potential difference creates the E field of the radiation.

The key is that the net charge must be neutralized, return to the source, or that charge will build up on the source, radio. I think that we are saying the same thing, but with a difference perspective.

Jim

674. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr11.143425.13512@ke4zv.atl.ga.us>
Source record: 202937

In article <4k93s8$7vi@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>In article <4k7394$bu@crash.microserve.net>, jackl@pinetree.microserve.com
>(WB3U) writes:
>
>>This statement can only be accepted if one believes that RF voltage
>>is not attracted to earth.
>>
>>73,
>>Jack WB3U
>
>And that would be true if the earth had no conductive mass to charge and
>discharge!!!
>;-)
>
>Tom

Gee, between Jack thinking voltages are attracted (rather than being the potential difference that *does* the attracting), and Tom's use of kilograms as electrical units, I hardly know where to begin. Since I've addressed Jack about the nature of voltage, I think I'll make another attempt at Tom's "electrical mass". Presumably, since you mention charging and discharging, what you're really trying to describe is capacitance.

The Earth can act as one plate of a capacitor, but just as you can't have a naked potential, but rather need two points, it also takes two plates to form a capacitor, and it is the mutually opposed plate areas, and the spacing, that determines how much capacitance you have. If one plate is much larger than the other, the capacitance doesn't change, since only the mutually opposed areas matter (neglecting edge fringing effects). So the fact that the Earth is big (and massive) wouldn't seem to make any difference. (It could make a difference in electro*statics*, acting as a charge reservoir, but not for alternating currents where there is no net flow of charge.)

I have been giving this connection to ground business some thought, however, and thought of one thing that could happen. If Earth is matched to the impedance of the outer of the coax, the coax would look much longer to the RF current waves standing on it, IE it's not a halfwave anymore. Since the Earth is a sheet resistance with dimensions many wavelengths on a side for any sensible frequency we might use, that would remove the open voltage node from the rig end of the coax.

However, for that to happen, the outer has to be impedance matched to Earth, otherwise there's an impedance discontinuity at the junction, and you still get reflection, and a standing current wave on the coax

outer with a maxima at the junction. I don't think typical station Earth connections are actually matched, so I'd treat this case as exceptional rather than the norm.

The impedance of the outer is rather ambiguous anyway since there has to be a reference outside the conductor across which a potential can be expressed in order to calculate an impedance. If, as is the case with single conductors, that reference is a "ground" plane, and that is in fact Earth, you'd be trying to match a two wire "line" to one of its constituent wires at the junction. That sounds theoretically impossible to me.

Gary
--
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675. Re: CB MODS NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4kj771$2kfe@news-s01.ny.us.ibm.net>
Source record: 202938

In <4kh9op$mod@nntp.interaccess.com>, qwick@interaccess.com (Qwick) writes:
>I need mods for the following:
>Uniden 66
>Ranger 2950
>Cobra 29 23-channel
>and most important.. Midland ??? a cheapy from walmart
>Any other info on linears or amplifiers would be of great help too.
>Thanks
>
>

Modifing CB's for use in the CB band is illegal. So is the use of power amps.
You are on the wrong newsgroup for that information anyhow.

Try rec.radio.cb You'll get your answers there.

Good luck,
Steve W.
N2RWE

676. Frequencies

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: wb5rue@amsat.ORG
Message-ID: <01I3ETBVFRQ600MG3H@ARWEN.UTHSCSA.EDU>
Source record: 202939

jcon@wdesign.zipnet.net (Jeremy Consolatti) writes:
>
>
> i am looking to by aradio that supports the frequencies 33.000 and 33.700.
>I have been told that this is low band. I don't know what that means. Are
>these frequencies in the VHF or UHF or neather band?? Has anyone used a
>Vertex FTH-7008TD ??
>
>
>
>Jeremy
>jcon@wdesign.zipnet.net

Any good scanner will pick up those frequencies. They are called
VHF-Low. The "old" scanners that were classified as VHF Low/High
and UHF would receive 30-50MHz (VHF-Low), from 138-174MHz (VHF-High)
and from 420-512MHz (UHF). The main reason for the large gaps is that
the gaps contained either aircraft (108-138MHz) that were transmitted
AM or television channels. Many of the newer scanners will pick
up 30MHz to 1300MHz, excluding the cellular phone frequencies.
Hope this helps.

Kevin, WB5RUE
wb5rue@amsat.org
muenzlerk@uthscsa.edu

677. Motorola Amateur radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: AA9IS <tbrock@execpc.com>
Message-ID: <4kja5h$e8l@daily-planet.execpc.com>
Source record: 202940

A couple of months ago I saw a couple of aticles indicating that
Motorola was planning to offer radios built for the Amateur radio market.
Has anyone heard any more about this?

678. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr11.154538.13919@ke4zv.atl.ga.us>
Source record: 202941
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kbeqv$7mv@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>Let me try to summarize my case so that we can focus on the exact
>>point of disagreement.
>
>>1) The outside of the coax is not acting as a transmission line,
>> and thus transmission line theory does not apply.
>
>Wave reflection theory will apply.

Yes, it does, reflection theory is not confined to transmission lines.

>>2) The outside of the coax is acting as a halfwave resonant
>structure, IE antenna, and antenna theory must apply.
>
>Antenna theory based on unterminated lines will not apply. The 1/2
>wave shield is not unterminated.

It is not terminated in its characteristic impedance, however, so
reflection theory still applies, the standing wave still exists,
and this is antenna current, not transmission line current.

>>3) The standing wave on a halfwave antenna forces the ends to be
>> voltage maxima.
>
>This is true of both the antenna and the 1/2 wave shield.

Yes.

>>4) Ergo, the ends of a halfwave antenna are high impedance points.
>
>This statement is true, but because of the error in (2), it does not
>apply to the 1/2 wave shield.

The error at 2 is your error. You're trying to apply a special case,
a matched line, to the general case of a mismatched line.

>>5) And finally, a high impedance load driven by a low impedance
>> source won't accept much current. Therefore use of a halfwave
>> coax feeder will limit the amount of RF current conducted down
>> to the shack end of the coax along the coax's outer surface.
>
>The first sentence is true, but no valid basis for the conclusion has
>been presented.
>

>>Now tell me where any of that is wrong, and we can proceed from
>>there.
>
>In a nutshell, you're mixing absolute and relative terms. You've used
>"low" when the correct term is "less", and "high" when the correct
>term is "greater". This has led to incorrect conclusions regarding
>both the 1/2 wave and 1/4 wave shield lengths.
>
>You're also applying theory based on unterminated conductors to a
>shield that is terminated by a finite degree of coupling to earth at
>the transmitter.

You're falling into the trap of implicitly assuming a matched termination for the currents on the outside of the outer conductor. In fact, Earth is extremely unlikely to provide a matched termination to this current, wave reflection will occur, and the behavior of currents and voltages on the halfwave section will be similar to those found if it were operating in isolation, IE the normal antenna current standing wave pattern will exist. Incidentally, that's why a halfwave vertical worked against ground has a very high base impedance, and you have to tap up on it with a shunt feed to match a 50 ohm coax to it.

Gary
--
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679. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr11.161525.14060@ke4zv.atl.ga.us>
Source record: 202942

In article <4kbdf3$s18@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>Hi Gary,
>In article <1996Apr8.004633.25164@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) writes:
>>
>>You persist in treating this wire as a transmission line when that
>>is not how it is operating.
>
>Of course it is! Even an antenna can be analyzed as a transmission line,
>there are whole articles and sections of textbooks that treat antennas
>this way. An antenna is really an opened up transmission line.
>Electromagnetic Waves and Radiating Systems (Jordan-Balmain, Prentice Hall
>EE series, second edition page 388 amoung many).

How do you "open up" a single wire?

>Broadcast towers (even dipoles and other antennas) are commonly treated as
>transmission lines with a single conductor impedance (Zo). If a single
>wire **can't** act like a transmisssion line, then how do long wires
>function?

Not as transmission lines in the sense you seem to mean. :-)

An antenna works by establishing a standing current wave pattern
between its ends because they are *not* terminated in the characteristic
impedance of the line. Charge is conserved because charge merely oscilates
back and forth on the wire under the influence of the varying polarity
driving potential. Thus the charges are continously accelerated (and
decelerated) and hence generate EM radiation. Energy is conserved, but
is changed in form. An ideal antenna has "infinite loss" of charge motion
energy because it is all changed to a like amount of EM radiation energy.

In a transmission line, even one with standing waves, radiation doesn't
occur because the differential current flows cause the H fields to cancel.
Charge must be conserved by closure of the loop, and energy must be
conserved too because its form can't change. Thus an ideal transmission
line has zero "loss".

Practical circuits are always a mixture of both forms due to various
stray couplings and the finite resistance (heat loss) of the conductors.
So you can *partially* use transmission line theory on antennas and
partially use antenna theory on transmission lines. But neither offers
a complete solution.

>The truth is, the conductor is both a radiator AND a transmission line.

Yes, and you can't just apply one form of theory as you and Jack and I
have been doing. In the interest of simplicity, we can treat only the
dominant action and ignore the other as peripherial. I say antenna
behavior dominates because of the lack of differential balance while
you and Jack say transmission line behavior dominates, but you've been
unable to close the loop to show that is so.

>>I would ask you, what is the impedance
>>of "ground", and between what two terminals are you measuring it?
>
>The system is impossible to quantize, but in approximation the large
>conductive mass of the station ground is a reasonably low impedance. If
>not, we wouldn't be able to end feed wires at all without a radial system.
>With changing voltage, any conductive mass has impedance.
>
>>And why would that matter anyway? Transmission line currents must
>>form a closed path, and this path is not closed.
>
>Are you actually saying that I can't excite a single conductor with RF,
>and have current and voltage appear for many wavelengths along that
>conductor unless there is a "return path" from the far end?

Yes, that's exactly what I'm saying. You must have another point
of reference for the potential to express itself across, and then
you don't have a single wire system anymore. Your reference wire
or plane becomes the other half of the transmission line and closes
the loop. You can't have a naked potential, that's meaningless
by definition.

>>It is not behaving
>>as a transmission line. It is behaving as an excited resonant 1/2-wave
>>antenna structure. *The point where the excitation is applied does
>>not change the standing wave pattern on the radiator.* It must have
>>voltage maxima at its ends.
>
>Let me see if I understand this statement. Are you saying, if I ground the
>far end of a half wave antenna, the current maximum STILL occurs in the
>middle instead of the end?

Yes. A classic example is a shunt fed grounded base halfwave vertical.
You have to shunt feed it because the "grounded" end is a very high
impedance point, just as the top end is. Ground is acting as a current
mirror, just as it does for a grounded base quarterwave, but in this
case the mirror is reflecting the end of another halfwave antenna
and the "ground" point is a very high impedance. Hence you have to
tap up on it with a shunt feed to find a higher current lower voltage
point that corresponds to the impedance of your feedline. The current
maximum is still in the center.

Gary
--
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680. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr11.163757.14166@ke4zv.atl.ga.us>
Source record: 202943

In article <316B2828.5261@gte.net> Grant Youngman <nq5t@gte.net> writes:
>Gary Coffman wrote:
>
>> Your aquaintance is a joker.
>
>Well, maybe not
>
>>This rig is affectionately
>> known as a boatanchor. It is a very large, very heavy
>> all vacuum tube
>
>Yes, but that doesn't make it a bad transmitter.

Not for the 1950s, but compared to other radios of the 1990s it's not
much.

>> These old rigs can sound good on AM,
>
>That's where the best people in ham radio are -- on AM
>
>> dirty with respect to TVI and your neighbors won't be very
>> happy with you.
>
>Dirty is a bit of an overstatement. The Viking II is very good in the TVI supression
>department

Again, not bad for the 1950s, but we expect better today.

>>Also some of the tubes are getting harder
>> to find and are becoming expensive.
>
>Nothing in the Viking II is rare, hard to find, or expensive

Most of the tubes in the Viking II are out of production, so all
that is left is existing stock, which is dwindling, and some of
that old stock has deteriorated on the shelf. So the tubes are
getting harder to find, and becoming more expensive, than they
were in the 1950s. And some other parts of the rig are pure
unobtainium.

>Since there isn't a
>> lot of AM activity on the amateur bands these days, the
>> phone contacts you will make will be limited to other
>> nostalga buffs who like to play with this old equipment.
>
>Like I said -- the best people in ham radio are on AM :-)

>
>> if that's what you like to do, but I would definitely not
>> recomend it as a beginner rig.
>
>Seems to me this WAS pretty much a beginner rig in its day. Are we suggesting that
>today's beginners aren't up to the level of, say, beginners in the 50's ???? I guess
>today's beginners aren't capable of doing much but opening the box and plugging the
>plastic radio-thingy found there-in into the wall? Is more than one knob too many?

I wouldn't call a VIking II a beginner rig, not in 1955, and not today.
In 1955 beginners started with a *new* Challenger, and a *new* National
or Hallicrafters receiver. Today beginners have much better choices than
50 year old equipment. Receivers are *much* improved (and built in), and
transmitters occupy a much smaller footprint and use contemporary parts.
It has nothing to do with the skill level of the beginner, then or now.
Rather it has to do with the level of performance, maintenance, and
operator flexibility offered by 50 year old equipment compared to
equipment of modern manufacture. In particular, 50 years ago beginners
weren't faced with scrounging 50 year old parts to repair 50 year old
equipment. Back then the Viking II was *new*. It's 50 years old today,
and the maintenance requirement is *very* different than it was when
it was new. Anyone who has had to restore one of these should know
what I mean. If you can't pick the bones of another carcass for some
of the parts, you're just plain out of luck, and lots of those carcasses
have long been landfill.

Gary
--
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681. Re: Radio Shack HTX-242

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: John Hughes <afn01079@afn.org>
Message-ID: <4kjeep$mk9@huron.eel.ufl.edu>
Source record: 202944

rfisher@sky.net wrote:
>
> Larry Bourdillon <labour@ix.netcom.com> wrote:
>
> >The latest flyer lists the HTX-242 (2mtr. mobil) at $299.99 - presumably
> >it's the successor to the HTX-212. Has 41 memories instead of 30 and some
> >cosmetic differences. What else (if anything) is different? Anybody know?
> >Thanks
>
> >..larry
>
> The biggest change is that you
> can program into memory out of band freqs (one of the 212's missing
> features). I bought one and am pretty pleased with it. I guess I
> should say that I'm a RS manager, but when it comes to my personal
> $$$, company loyalty is secondary and performace primary.

Hello, Rodney. Any chance my local store will let me trade in the 212 I
bought last fall for the new/improved model?

682. Re: Help me, do linears need antenna tuners ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: kleerdex@epix.net
Message-ID: <4kjep4$81r@guava.epix.net>
Source record: 202945

In article <4kepj5$6q4@oskgw.osk.sony.co.jp>, Peter Shintani <shintani@tv.sony.co.jp>
says:
>
>Hi:
> I am looking for some advice.
>I plan on purchasing a linear amp. I am using an R-7
>with under a 1:2 SWR match on all the bands I intend
>to use. If I try to use a tube type linear, will the linear's
>pi or pi-L matching section be adequate or will
>an external antenna tuner be necessary.

In my experience, the matching network of tube-type finals
such as with a linear amp are adequate for up to a 3:1
SWR, which is actually about all many tuners are capable
of. Paying big bucks for an external tuner is pretty much a
waste, IMHO.

Now with solid state finals, another story...

Make sure the antenna can handle the power as well..

=Vic=
WA4THR

683. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr11.165958.14382@ke4zv.atl.ga.us>
Source record: 202946

In article <4kgd31$l0p@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>In keeping with that thought, I think the best transmitter and receiver is
>anything you aren't afraid to work on. And especially it's one you build
>yourself. A one tube (or transistor) CW rig and a super regen receiver are
>better than a FT1000D in my book.

I'm not afraid to work on a FT1000D, bring one over and I'll heat up
the soldering station. :-)

Really, this reminds me of the people who are afraid to drill a hole
in their car. You own it, you can do what you please with it. At least
if you *fail* to repair a FT1000D, you've got Yaesu factory support to
fall back on. If you fail to repair a homebrew rig, you're on your own.
And framkly, one is about as likely as the other. You have to know
pretty much the same things, and have pretty much the same skills.
One nice thing about factory equipment over homebrew is that you have
an assurance that it *once worked*, so you don't have to worry that
the problem is a design fault or improper construction that's keeping
it off the air.

Other than (grrrr) intermittants, I find modern factory built equipment
a lot easier to troubleshoot than a super regen receiver with its finicky
feedback and quench and demodulation all multiplexed on one circuit.
Modern rigs are generally modular, one function per circuit, stable, no
finicky adjustments, and very straight forward to troubleshoot and repair.
A stage either works or it doesn't in most cases, a part has either failed
or it hasn't. Plain old binary fault tree analysis quickly gives you the
bad part, and you just replace it.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

684. Re: Beldon 9913

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr11.173016.14558@ke4zv.atl.ga.us>
Source record: 202947

In article <316C7240.5D0D@cris.com> Cliff Soderback <Cliff-s@cris.com> writes:
> I have found NO "N" connectors that gave satisfactory results, due
>to mechanical problems. Some of the PL-259 types have larger holes in the
>center pin than others. On the smaller ones the center conductor of the
>9913 is too large to fit without some modification. When using 9913 outside
>be sure that the connectors are taped and water tight. The water can literally
>fill the transmission line. The problem on the connectors is that the outer
>braid is so flimsy that very little of it comes in contact with the connector.

You must have used some of the very first run of 9913. Belden increased
the braid coverage a few months after it was released from 63% to 97%,
and now there is plenty of braid for a proper connector to grasp. The
best 9913 N connectors are made by Kings. These hold so well that I
wouldn't worry about swinging my weight against one (except that the
cable would stretch enough to change its impedance if I did). They are
of the preferred gas tight crimp design of course, the old Amphenol
screw together types are a horror, even on RG-213. The center conductor
of 9913 is 9.5 gauge while the center of RG-8 is 10 gauge. I haven't found
that 0.5 gauge difference to be a problem with PL-259 connectors, but you
do have to be careful to get the right N or BNC connector for 9913. (I
have reamed the center pins of RG-8 N connectors in an emergency, just
use a small number drill in a pin vise).

Like any coaxial cable terminated in an unconditioned space, you have to
have a gas tight seal at the connectors or you'll eventually get water
inside. 9913 has void space that allows more water to accumulate, but
that doesn't really matter. Once water wicks into the braid, corrosion
starts and any flexible coax will be quickly ruined. 9913 really isn't
worse in this regard.

I consider 9913 a good low loss semi-flexible cable that's sufficient
for uses where the cost of hardline isn't justified. If you intend to
leave the cable up a *long* time (more than 8 years) then hardline is
the cable of choice if installed with its (expensive) gas tight connectors.
But for cable installations where you'll be changing it in a couple of
years, 9913 is fine.

Gary
--
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Lawrenceville, GA 30244 | |

685. Re: Unlawful reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: steven@magicnet.net
Message-ID: <4kjfnk$t78@comet.magicnet.net>
Source record: 202948
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc,alt.radio.scanner,rec.radio.scanner

Kevin Kadow (kadow@komondor.cig.mot.com) wrote:
: In article <4keg34$q92@freenet.hut.fi>, Heli Maki <heli@wakkanet.fi> wrote:
: >What about radio waves genarally? What you need to catch them from the
: >air? How is the right frequency adjusted? What kind of traffic in the
: >air is possible to follow? Are there frequencies that are not allowed
: >to listen. How is that prevented?

: In the USA, it is unlawful to import or manufacture a radio receiver capable
: of intercepting cellular telephone frequencies- there are also restrictions
: on the interception of cordless phone conversations.

Uh.. Uh.. Interesting. Point # 1 is that supposed law mentioned above would outlaw all of the cellular phones with a test mode (ala built-in cellular scanning on a channel by channel basis). Point # 2 is supposed law would also outlaw TVs with a tunable UHF non-cable TV channel selector as the high end channels can monitor cellular. Point # 3 is that most scanners in the U.S. can be converted to receive cellular by replacing the CPU with an international version from the UK (Javiation for example) since as a raw material CPUs and such are exempt for such laws. Simple task to upgrade it. Point # 4 is that I do not know anyone personally who this law has stopped from listening to cellular or cordless- as my friends and I do it all the time. Point # 5 the only folks this law applies to is law enforcement, as it prevents them from gathering evidence from a cellular or cordless phone conversation without a court order, where it was possible to do so before without.

True it is harder to purchase ready to receive equipment off the shelf, but not impossible to do so. It is more expensive having to import them, which is legal "in small quantities for personal use", only commercial importation was made illegal. As a non-FCC type accepted device, it can not be determined by US customs as to if it is ok or not ok, therefore, only commercial sales was restricted by the law -- which hurts the U.S. dealers in the long run, due to less sales since anyone who knows what they are doing will order from overseas instead.

Steven
--
Steven Bradley
steven@magicnet.net

686. Re: Motorola Amateur radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: "R.G.Foster" <rgfoster@anl.gov>
Message-ID: <316D427E.1A16@anl.gov>
Source record: 202949

AA9IS wrote:
>
> A couple of months ago I saw a couple of aticles indicating that
> Motorola was planning to offer radios built for the Amateur radio market.
> Has anyone heard any more about this?

Several years ago Motorola did sell a 2M FM transceiver. It didn't stay on the market very long.
It would be interesting if they were attempting to market ham products again.
--
Richard G. Foster rgfoster@anl.gov
Argonne National Laboratory
Argonne, Il
http://www.anl.gov/

687. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4kjgpu$d8@nadine.teleport.com>
Source record: 202950
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kdkph$4tm@ns.oar.net>,
jaeschke <jaeschke@cordmc.dnet.etn.com> wrote:
>Jack:
>
>I believe that Gary has a point in that the circuit back to the
>transmitter must be (visibly) completed. To me this means that
>the current that leaves the transmitter in the center lead of
>the coax must return to the transmitter in some manner.
>Generally, this is throught the shield of the coax. If it did
>not return, then the negative charge of the electrons leaving
>the radio would leave a positive charge on the case of the
>radio.

The return path is not through the shield, but on its surface. The shield has two surfaces, inner and outer, and entirely different currents can flow on each surface. We'd like all the return current to flow on the inner surface, where its field cancels that from the current on the center conductor. Current flowing on the outer surface will radiate, just like current flowing on any other wire.

Roy Lewallen, W7EL

688. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: w7el@teleport.com
Message-ID: <4kjhck$d8@nadine.teleport.com>
Source record: 202951
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <1996Apr10.182937.9864@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>. . . And we can't measure voltage,
>we can only infer its presence by measuring the current flow
>it causes through a meter movement.

>. . . we can't alter or move
>or measure the potential directly.

I've seen plenty of electrostatic voltmeters which purport to be able to measure voltage without the presence of current. And my hair is a pretty good qualitative instrument for detecting electric fields on a dry day.

Roy Lewallen, W7EL

689. Re: *** Manuals For Sale *** - manuals.doc [01/01]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr11.174204.14739@ke4zv.atl.ga.us>
Source record: 202952

In article <4ki01n$scf@nntp.interaccess.com> qwick@interaccess.com (Qwick) writes:
>braymer@InfoAve.Net (Bobby Raymer) wrote:
>
>wtf is all that crap?? I'm serious... I need doc... and manuals...
>for peaking and tuning.. and also mod info on Uniden 66,
> Ranger 2950, Cobra 29 23-channel and most important..
>a Midland ??? got it from walmart
>any help would be appreciated

SAMS has Photofact folders for all of these radios. As others
have noted, you shouldn't need to touch any of the adjustments
in these radios. They were aligned at the factory using better
test equipment than you likely have and shouldn't ever need
readjustment, even after repairs (unless the repair consisted
of replacing one of these adjustable parts).

There is a book out on converting some of these radios to
10 meter operation, there's a little ad in most issues of
QST. In particular, the Midland chassis is rather easy to
convert. Of course these are, I think, old AM rigs and not
of much use on 10 meters. If you had one of the 40-ch SSB
Midlands, however, it can be made into a good 10 meter rig.
I have one that I converted some years ago when the sunspots
were better.

Gary
--
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Lawrenceville, GA 30244 | |

690. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr11.180202.14873@ke4zv.atl.ga.us>
Source record: 202953
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kiuge$s2k@ns.oar.net> jaeschke <jaeschke@cordmc.dnet.etn.com> writes:
>Gary:
>
>I understand that your analogy of the executive toy, but for
>transfer of power there must be a transfer of charge across a
>potential difference. Even though one electron may not "flow",
>the net effect is that one does even if it is made up of little
>steps of individual electrons.
>
>As I understand it, in the near field of the antenna there is a
>net charge that flows between the radiating elements (gound
>plane as well) with its source being the transmitter. The
>movement of this charge creates the H field and the potential
>difference creates the E field of the radiation.
>
>The key is that the net charge must be neutralized, return to
>the source, or that charge will build up on the source, radio.
> I think that we are saying the same thing, but with a
>difference perspective.
>
>Jim

No, Jim. In an *AC* circuit there is no net charge flow. All
charges merely oscillate back and forth around their original
positions in step with the changes in potential. Charge is
fully conserved in an AC circuit. Now a DC circuit is different,
and there is a net charge transport around the circuit. Don't
try to use DC circuit analysis for AC circuits.

Gary
--
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Lawrenceville, GA 30244 | |

691. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: tomb@lsid.hp.com
Message-ID: <4kjehr$o74@hpcvsnz.cv.hp.com>
Source record: 202954
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: Except that Ben did say it better. He knew that only *charge*
: moves, and voltage is what moves it. I expanded on this in
: another post, complete with math. We cannot feel voltage,
: we can feel currents driven by a potential difference (voltage).
: We can't see voltage, we can only see the current flow (spark)
: caused by the potential difference. And we can't measure voltage,
: we can only infer its presence by measuring the current flow
: it causes through a meter movement. All we can directly sense is
: charge and its flow, just as we can sense a falling rock. We
: can *infer* that something is making it fall, in this case
: a gravitational potential, and infer the value of that potential
: by the acceleration of the rock, but we can't alter or move
: or measure the potential directly.

Gee, Gary, have you been taking an e&m class or something?? Often I find things to disagree with you on, but this seems pretty solid to me. Jack, I think if you look up "voltage" or "electrical potential" in a good technical dictionary, you will find very good agreement with what Gary says in these posts. I've always enjoyed a comment Ronold King makes in the early pages of his section on antennas in "Transmission Lines, Antennas and Wave Guides." It's something to the effect that one way of looking at radiation from an antenna, received by another distant antenna, is that the electromagnetic wave is simply a mathematical convenience used to describe the observed motion of charges in the remote antenna in response to motion of charges in the "radiating" antenna. The only way you have of knowing that a source is radiating is to measure the effects at a distant point; there is no _direct_ way to measure the "field", just as Gary has noted about voltage (electrical field) above. Some very bright folk seem to be happy to think of the field as just a mathematical abstraction, not a real quantity.

This reminds me of an instrument called a "field mill" which can measure an electrical field with no direct connection to conductors. But I believe even it is probing the field by observing the motion of electrons in that field. You can do an experiment looking at an electrical field if you use an op amp with an extremely low input bias current as a non-inverting buffer. If you leave the (+) input unterminated and very carefully guarded, you can put a little probe on it and move it around in a field and use it to measure the voltage. You need an op amp whose input bias current is down in the 10^-15 amp region to do this well, but it's an interesting experiment. But even here, you are moving electrons in the conductor attached to the op amp (+) input, in response to the field the probe is in. So, you have extracted some tiny amount of energy from the

field to measure it.

--
Cheers,
Tom
tomb@lsid.hp.com

692. Yaesu FT-890

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: "Chris M. Bridges" <n4fan@shelby.net>
Message-ID: <316DDB04.47B7@shelby.net>
Source record: 202955

I Just bought a FT-890. Are their any mods other than tx mod?
Any firware upgrades?
Any Yaesu mailing list?
Any info on this rig would be Welcome!
Thanks for reading this post.
--

Chris M. Bridges
>>>>>N4FAN<<<<<<
n4fan@shelby.net

693. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kjmqt$pbv@newsbf02.news.aol.com>
Source record: 202956

Hi Gary,
n article <1996Apr11.143425.13512@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
(Gary Coffman) writes:
>
>Gee, between Jack thinking voltages are attracted (rather than being
>the potential difference that *does* the attracting), and Tom's use
>of kilograms as electrical units, I hardly know where to begin.

I never said kilograms Gary. I was trying to describe the effect in terms
that would let you get a "feel" for it.

>I've addressed Jack about the nature of voltage, I think I'll make
another
>attempt at Tom's "electrical mass". Presumably, since you mention
charging
>and discharging, what you're really trying to describe is capacitance.

Sort of, except with series inductance it may not appear as a capacitor.
It can become purely resistive at some frequencies, inductive at others,
and combinations of all three. It is an impedance.

>I have been giving this connection to ground business some thought,
>however, and thought of one thing that could happen. If Earth is matched
>to the impedance of the outer of the coax, the coax would look much
longer
>to the RF current waves standing on it, IE it's not a halfwave anymore.

Ther's no reason to be unduly concerned with matching the impedance. The
common mode load can modify the impedance without matching it!

According to your view, any half wave conductor has a low impedance in the
center. If I connect the far end of a half wave conductor to a low
impedance (a large electrical mass) at the frequency wher the conductor is
a half wave long, you are saying that the current maxima remains in the
center.

Isn't that what you said and believe?

If so why, when I make a half wave dipole 1 wl long by adding a 1/4 wl to
each end does the current maxima shift out of the center of the half wave
section? If I end feed a 1/2 wl long wire and add a low impedance to the
far end does the feedpoint a low impedance?

The answer Gary is that 1/4 lines invert the impedance, and half waves
repeat it. So if the coax is connected to the chassis of the rig, and the
common mode length is 1/2 wl, the far end is ALSO a low impedance. The low
impedance encourages common mode currents to flow from the antenna

termination of the feedline.

Antennas do this, feedlines do this. An antenna is a leaky feedline as well as a radiator, and a leaky feedline is a radiator as well as a feedline. The rules all interchange.

73 Tom

694. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kjmsv$pcp@newsbf02.news.aol.com>
Source record: 202957

In article <1996Apr11.161525.14060@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>How do you "open up" a single wire?

Read the book.

>>Broadcast towers (even dipoles and other antennas) are commonly treated as
>>transmission lines with a single conductor impedance (Zo). If a single
>>wire **can't** act like a transmisssion line, then how do long wires
>>function?
>
>Not as transmission lines in the sense you seem to mean. :-)

Absolutely in the sense I mean. They couple power to the far ends, the end impedance iss transformed at a rate determined by the Zo of the wire and the radiation effects. It acts as both a transmission line and a radiator.

>An antenna works by establishing a standing current wave pattern
>between its ends because they are *not* terminated in the characteristic
>impedance of the line.

Not true at all. An antenna acts like an antenna because charges accelerate without equal and opposite acceleration at the same point in space. A perfectly terminated long wire with NO standing waves radiates quite well. Are we now to believe perfectly terminated Rhombics and Beverage antennas can't radiate?

>Practical circuits are always a mixture of both forms due to various
>stray couplings and the finite resistance (heat loss) of the conductors.
>So you can *partially* use transmission line theory on antennas and
>partially use antenna theory on transmission lines. But neither offers
>a complete solution.

That's correct. That's EXACTLY what I've been saying. Specificially with the addition of common mode currents from improper load potentials at each end termination with respect to the other end.

As I said..
>>The truth is, the conductor is both a radiator AND a transmission line.

>Yes, and you can't just apply one form of theory as you and Jack and I
>have been doing. In the interest of simplicity, we can treat only the
>*dominant* action and ignore the other as peripherial. I say antenna
>behavior dominates because of the lack of differential balance while
>you and Jack say transmission line behavior dominates, but you've been

>unable to close the loop to show that is so.

I never said that at all Gary. Re-read CAREFULLY what I said. Let me repeat it AGAIN.

>>The truth is, the conductor is both a radiator AND a transmission line.

>You must have another point
>of reference for the potential to express itself across, and then
>you don't have a single wire system anymore. Your reference wire
>or plane becomes the other half of the transmission line and closes
>the loop. You can't have a naked potential, that's meaningless
>by definition.

We do have two points Gary. One point is the potential at the antenna terminals, the other is the transmitter chassis! Those are the two points. We can also have a difference along a small length of conductor.

>>Let me see if I understand this statement. Are you saying, if I ground the
>>far end of a half wave antenna, the current maximum STILL occurs in the
>>middle instead of the end?
>Yes.

That is incorrect.

>A classic example is a shunt fed grounded base halfwave vertical.
>You have to shunt feed it because the "grounded" end is a very high
>impedance point, just as the top end is.

No, the grounded end is NOT a high impedance point. The highest impedance point is the top.

> Ground is acting as a current
>mirror, just as it does for a grounded base quarterwave, but in this
>case the mirror is reflecting the end of another halfwave antenna
>and the "ground" point is a very high impedance.

You have confused a tool used to calculate pattern with something that actually occurs. The "ground image" is useful only for calculating pattern. It really isn't "there" at the base of the antenna, or in the soil below the antenna. A perfect radial system is zero ohms, a flawed system is only a few ohms. Connecting the base of any antenna directly to the ground system results in a very low impedance at the base.

>Hence you have to
>tap up on it with a shunt feed to find a higher current lower voltage
>point that corresponds to the impedance of your feedline. The current
>maximum is still in the center.

In this example there are only two true statements we can make. One is a current minimum is indeed at the very top. The other is the base of the antenna is a very low impedance.

If the shunt feed wire did not decouple current from the base of the tower by mutual coupling effects, a current maxima would also occur at the bottom. Anyone with Elnec can see this effect. Only by putting the source near the base of the tower is series with the tower is the effect you describe true. But now we have a conventional series fed tower.

73 Tom

695. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <4kjimq$d3e@handel.seattleu.edu>
Source record: 202958

In article <4k9lhv$l2q@doc.zippo.com>, <tswift@attmail.com> wrote:
>The QST product review of the Yaesu FT736R (May 90) said: "but the
>receiver falls apart at 432 Mhz." Does anyone know if this terrible
>blocking dynamic range performance on 70cm has been corrected?

I just got a 736-R in January. No, it hasn't been fixed. Fortunately,
this should only be an issue on the terrestrial portion of the band.
There's a very strong local beacon around 432.250 that I can hear for a
couple of megahertz (!) in either direction with an omni antenna. But I
can hear FO-20 fine (no pumping) on the same omni antenna and no preamp
while the beacon is going. And FO-20 is very faint on an omni, so I
suspect I wouldn't hear it at all if there was any desense.

--Peter
--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Information Services, ext. 5569 : | | | | | | |
Seattle University : @| @| @| @| @| @| @| @|

696. Re: WANTED...R-390A Meters...Can Anyone Help Me??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: dallen@melpar.esys.com
Message-ID: <4kivop$g28_002@isp.melpar.esys.com>
Source record: 202959

Try John Brown in Altus OK at (405) 477-2705. He has supplied me with many
parts for my R-390.
Dale

++
+ Dale B. Allen (703) 849-1639 Internet: dallen@melpar.esys.com +
+ E-Systems, Falls Church Division FAX: (703) 280-4627 +
++

697. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jimf@zoinks.corp.sgi.com
Message-ID: <4kjqdv$npr@murrow.corp.sgi.com>
Source record: 202960

Hi Tom, Peter and others,

This might explain some things I've been noticing with my 736R also. I'm going to search for mods that might cover this problem. I intend to contact Yaesu to see if they might have some pointers on do-it-yourself mods. I don't have much hope on either of these, so I'd be willing to work with some of you folks on attempting to come up with some modifications ourselves. I don't think I have enough technical expertise to go it alone, but am able to work on it as a team. I'm doing this as I use the radio mostly for terrestrial SSB work right now, and would like to clean it up.

Tom, does the article give any more specific information as to the cause of the problem and/or remedies? I haven't been able to locate a May 90 QST.

Jim
KF6AGJ
jimf@corp.sgi.com

In article <4kjimq$d3e@handel.seattleu.edu>, pklein@news.seattleu.edu (Peter A. Klein) writes:
|> In article <4k9lhv$l2q@doc.zippo.com>, <tswift@attmail.com> wrote:
|> >The QST product review of the Yaesu FT736R (May 90) said: "but the
|> >receiver falls apart at 432 Mhz." Does anyone know if this terrible
|> >blocking dynamic range performance on 70cm has been corrected?
|>
|> I just got a 736-R in January. No, it hasn't been fixed. Fortunately,
|> this should only be an issue on the terrestrial portion of the band.
|> There's a very strong local beacon around 432.250 that I can hear for a
|> couple of megahertz (!) in either direction with an omni antenna. But I
|> can hear FO-20 fine (no pumping) on the same omni antenna and no preamp
|> while the beacon is going. And FO-20 is very faint on an omni, so I
|> suspect I wouldn't hear it at all if there was any desense.
|>
|> --Peter
|> --
|> Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
|> Information Services, ext. 5569 : | | | | | | | |
|> Seattle University : @| @| @| @| @| @| @| @|

698. WANTED: AEA model pk-900, Hal com. P38, ICOM HM54, price suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: dksim@mailhost.ecn.uoknor.edu
Message-ID: <4kjpk9$ltj@frazier.uoknor.edu>
Source record: 202961

want to buy the following equipment:

AEA model pk-900 data controller,
HAL communications P38 modem, and
ICOM HM54 mic.

Please recommend any good mail order shops with prices for the above

Any help will be very much appreciated.

699. Re: Beldon 9913

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4khlum$loc@news.ccit.arizona.edu>
Source record: 203007

Cliff Soderback <Cliff-s@cris.com> writes:
>Scott Ryan wrote:
>>Where can I buy (mailorder) Beldon 9913? I have heard that it is the
>>best for long runs & that it is expensive. How much a foot?
>Scott:
>Beldon 9913 is inexpensive, but it has some serious drawbacks.
>First: it requires special connectors because the center conductor is slightly
>larger(9 gauge) than RG-8.
>Second: Mechanically 9913 is rather poor. The outer braid is VERY fragile
>and makes poor connection to the connectors. I have used 9913 for several
>years and even with the supposed improved connectors have had connections
>break. The inner conductor is not located very well with the small plastic
>string and is uneven in its impedence.
>The LMR series of cables are much better mechanically and are availible at
>most 2-way suppy houses.
>If you need good transmission line use any of the available hardlines, they
>cost a little more for the cable and connectors but in the long you will have
>better connections and lower losses.
>Cliff, W7VVA

Interesting evaluation. I used a Belden 9913 equivilent sold by Pasternak
under their name for a variety of things, and have been very pleased with
it. I bought a 500' roll for $182 on sale about 2 years ago. I am curious
what connectors you are refering to as being poor choices with this cable.
As all my applications have been VHF, I've been using silver/teflon PL259
connectors. These go together very nicely. Will be putting up some VHF/UHF
antennas on the house this spring and expect to use this cable for it. Some
of these antenns will be rotatable beams, so pigtails of RG213 are planned
for the flexibility concern.

Chris - N7RME

700. Radio Station Database Program Stand Alone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: Charles Bolland <chuck@flinet.com>
Message-ID: <316C9205.2CAC@flinet.com>
Source record: 203008
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Sir,

It's still available. The IBM/DOS Broadcasting Radio Station Database Program for Longwave, Mediumwave, and Shortwave. Over 4,000 records included already. The program is completely read and write. Records can be added or changed. Sorts in many different formats both on your screen and printing.

If you would like a copy of the program, send your request to "chuck@flinet.com". Please include your MAILING ADDRESS. For example, your street number, city, state and zipcode. Also include your Email address.

The program will be sent to you via Email probably within 24 hours if not sooner. If you request the program and haven't received it in that period, check back with me..

Remember to send your address. Requests without a mail address will no longer be acknowledge to save time on the internet. In the past, requests without an address were reminded with a message. Usually, the reminder went unanswered anyway. If it was, the reply was sometimes very rude.

This program is free! Everything works. It has many features and they all work, not like shareware where some of the features work and others don't.

You address will be kept confidential. I will be sending you a first class letter later explaining another full featured Database program available. It's very big!

701. Re: Help me, do linears need antenna tuners ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4khqo8$p2b@shore.shore.net>
Source record: 203009

mulveyr@ll.aa2ys.ampr.org (Rich Mulvey) wrote:

>On 9 Apr 1996 22:50:13 GMT, Peter Shintani <shintani@tv.sony.co.jp> wrote:
>>Hi:
>> I am looking for some advice.
>>I plan on purchasing a linear amp. I am using an R-7
>>with under a 1:2 SWR match on all the bands I intend
>>to use.

> You may want to reconsider getting an amp. I have seen many, many
>reports of R7's blowing traps at 100W. I can just imagine what will
>happen with 1500. :-)

Rich,

I believe those might have been JUST reports and that's it. I've
never heard of what you're saying. Now, I have heard of people
blowing traps in their R-7s by attempting to load them on 80 meters.
Won't work, wasn't designed for that.

If someone did happen to get an antenna with a defective trap,
however, Cushcraft is usually pretty good about replacing it.

just my $.02

jim, wk1v

702. Re: DSP UNITS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DpoDqw.506@iglou.com>
Source record: 203010

My MFJ 784B follows the sidetone perfectly. I don't use the PTT bypass feature either. I about fell out of my chair when I first heard it beautifuly following 40wpm cw..... I tired a NIR-10 2 yrs ago and couldn't copy my own keying!

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

703. W.T.B.440S W/TUNER OR 450S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-11 00:00:00 UTC
From: jselby@capecod.net
Message-ID: <4khr85$rik@alpha.pcix.com>
Source record: 203011

Looking for a ken. 440 or a 450 with built in tuner. must be in very good condition. send reply with terms to jerry tnx. n1umh

704. Re: Unlawful reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Bill Funk <skypilot@starlink.com>
Message-ID: <316E705F.7E86@starlink.com>
Source record: 202812
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc,alt.radio.scanner,rec.radio.scanner

Steven Bradley wrote:
>
> : In the USA, it is unlawful to import or manufacture a radio receiver capable
> : of intercepting cellular telephone frequencies- there are also restrictions
> : on the interception of cordless phone conversations.
>
> Uh.. Uh.. Interesting. Point # 1 is that supposed law mentioned above would
> outlaw all of the cellular phones with a test mode (ala built-in cellular
> scanning on a channel by channel basis). Point # 2 is supposed law would also
> outlaw TVs with a tunable UHF non-cable TV channel selector as the high end
> channels can monitor cellular. Point # 3 is that most scanners in the U.S.
> can be converted to receive cellular by replacing the CPU with an international
> version from the UK (Javiation for example) since as a raw material CPUs and
> such are exempt for such laws. Simple task to upgrade it. Point # 4 is that
> I do not know anyone personally who this law has stopped from listening to
> cellular or cordless- as my friends and I do it all the time. Point # 5 the
> only folks this law applies to is law enforcement, as it prevents them from
> gathering evidence from a cellular or cordless phone conversation without a
> court order, where it was possible to do so before without.
> =====
Point #1: It's not a "supposed law", it's a real law. It's called the ECPA.
And, no, it doesn't outlaw anything except certain scanners. The description
of the banned equipment is found in CFR 47, sec 15.21. Any good library will
have this here in the US, so you can look it up, and know what you are
talking about.

Point #2 is covered under Point #1.

Point #3: The law does not make such modifications illegal, even thought the
opportunity to do so was clearly present. The language (see reference above)
is, "...must be incapable of operating (tuning), or readily being altered by
the user to operate, within the frequency bands" for cellular phones.

Point #4 means nothing. People still rob banks, that certainly doesn't mean
we should repeal the laws making that illegal.

Point #5 is just plain wrong. Nowhere is this law aimed only at law enforcement.
To say that is only wishful thinking on your part.

> True it is harder to purchase ready to receive equipment off the shelf,
> but not impossible to do so. It is more expensive having to import them,
> which is legal "in small quantities for personal use", only commercial
> importation was made illegal. As a non-FCC type accepted device, it can
> not be determined by US customs as to if it is ok or not ok, therefore,
> only commercial sales was restricted by the law -- which hurts the U.S.

> dealers in the long run, due to less sales since anyone who knows what they
> are doing will order from overseas instead.

Much of this is true, however, the rules do *not* make a distinction between
commercial and personal importation.
At this time, the Customs people are not enforcing the ban on importation
for private use/individuals, but this can change at any time, at the whim of
Customs.
A non-FCC type-accepted device can be impounded at the border by Customs,
as that's part of their job. I have no idea where you came up with this.

--
Bill Funk - skypilot@starlink.com
ASCIi User Group - http://www.starlink.com:80/~ascii
User groups: More info than you can shake a CD at!
Try one near you!

705. Re: Need mod for IC735 noise blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr12.145124.18617@ke4zv.atl.ga.us>
Source record: 202813
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4kk4mu$4d7@news.usit.net> sfritts@usit.net writes:
>
>Is there an improvement mod for the IC735 noise blanker? If I turn the
>blanker up high enough to reduce the noise, the audio becomes
>distorted.

That's a surprise? When a blanker blanks, it kills the desired signal
for the duration of the noise pulse as well as the noise pulse itself.
Of course that's going to generate distortion, that's inherent in
the process. The hope is that the resulting distortion is less annoying
than the noise that is removed. I believe that the time constants used
in the IC-735 blanker are as close to optimum as you can reasonably
expect in a radio of its type. You can play with the time constants,
but I don't think you can substantially improve upon them. The slice
level setting is absolutely critical for best performance on different
types of impulse noise and signals, so you need to set that carefully
on a case by case basis. If the impulses are wide or very frequent,
then you may do better leaving the blanker off because too much of
the desired signal will also be lost and the distortion will be severe.
There's no good way to handle this problem using a blanker. A noise peak
clipper may be better in these cases, but the real answer is to eliminate
the noise at the source.

I hope this doesn't sound like I'm trying to teach you to suck eggs,
you may already know all of this and still hope to improve the blanker
in the IC-735. I've had my IC-735 for 7 years and I've tried modifying
the noise blanker time constants for better operation. I wound up back
at the factory values. I don't think you can get it to work much better.
I think that if the blanker can't handle the impulses without unacceptable
distortion, you're going to have to do something else to deal with the
noise (like using an ANC-1 noise canceller).

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

706. Collectors Keys

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: marc lurie <marc.lurie@pixie.co.za>
Message-ID: <4km9h9$7c0@hawk.pix.za>
Source record: 202814

Hi there,

I have available a number of miniature morse keys.They are ex- South African military, are 80mm(3.15in)L, 40mm (1.57in)W, 35mm(1.38in)H, and were manufactured in France by Jardillier. They were originally designed to be strapped over the thigh. Each key is individually boxed, unused, and ideal for portable or QRP operation. Price is US$ 20.00 each + US$ 3.00 post and package, airmailed within 2 days of receipt of payment. Payment can be made by Visa or Mastercard, or telegraphic transfer. Please fax card number, expiry date, and mailing address to Marc at Lieberman Amateur Radio (PTY) ltd at +27 11 444-0459 or e-mail to marc.lurie@pixie.co.za

'73 de ZS6HZ

707. rig interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: w5robert@blkbox.COM
Message-ID: <9604121015.aa26529@blkbox.COM>
Source record: 202815

Anyone have phone # & know of good rig/computer hardware interface
vendor?
--
73 Robert WB5CRG w5robert@blkbox.com

708. Re: Info on Alinco DX-70 needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <316E656A.6326@csg.mot.com>
Source record: 202816

Steven Fritts wrote:
>
> Anyone using/heard the Alinco DX-70 rig? Comments?? Thinking about
> buying one.
>
> Steve, WA4GZE

I too bought the DX-70. If you read the QST reviews of DX-70 and IC-706, you will see that the DX-70 has a better receiver for IM and its built in filters. I suspect you will find fewer options available for the DX-70 however. Drawbacks: only 10w on 6m, and no 2m. As far as I am concerned from listening to people who own the IC-706, the 2m part of the radio is so poor that it might as well not be there. I want to listen to 2m, and hf at the same time, thus I need 2 radios anyway. I think Icom should have spent their effort on improving the hf side of the box, and leaving 2m out. Then the IC-706 WOULD HAVE been the obvious choice. What do you want, all in 1 box, then buy the IC-706, or, a really good hf radio to compliment your existing equipment in the mobile, then buy the DX-70 (and save a bunch of $).

Paul_Moller@csg.mot.com

709. Re: Alinco DR-150T or Ramsey Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: fiz <fiz@lamar.colostate.edu>
Message-ID: <316E86EC.237C@lamar.colostate.edu>
Source record: 202817

>
> Douglas R Davis (redbone@juno.COM) wrote:
> : My little Alinco DJ-160T would not open the repeater, so I sold it to a more
> : knowledgeable Ham. My question: Assuming my kit building skills are up to par, what
> : quality of 2 Meter mobile would I end up with after building the Ramsey kit for $149.00
> : plus about $22.00 for the enclosure?
> : Would I be better off just to buy the DR-150T alinco 2 Meter Mobile for $479.00?
> : (Amateur Electronic Supply)
>

$479?!, why don't you shop around and buy a nice 2 meter mobile for $250-300? I take it you are looking at the price listed in the catalog and haven't called and asked for the 'actual' price yet. I don't know why the bone headed places don't list the real price to begin with. It would make deciding what to buy a lot easier. I think HRO finally got real prices listed on their WEB page.

ttfn fiz (KG0YG)

710. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4km8es$qn1@crash.microserve.net>
Source record: 202818
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Post / CC by Mail

llg@pacifier.com (Lonnie) wrote:

>I haven't had any problem with RF in the shack even befor I added a
>ground. Since my first post I have added a ground stake and ran a 12
>gauge wire from the ground post of the radio to the ground stake.
>It's 30' long. Now everything I've read says you need to have a
>ground wire as short as possible in order for it to work. In my case
>30' is as short as I can go. This is why I was looking into the
>Artificial Gound. But it really didn't work as I expected it to.

First, what was the purpose of the Artificial Ground? What were your
performance objectives?

Second, how is your inverted V being fed and how is it tuned on 10-40
meters? Does it have traps? Are you using a balun?

>My feed line to the antenna is also 30' long. The antenna is mounted
>at the eve of the house and goes down at a 45 degree angle to the
>gound with the longest wire coming to with in 4 to 5 feet of the
>ground which then is connected to a insulator and guyed down with
>nylon rope.

Is one leg of the V actually longer than the other, or did you mean
something else?

>Things seem to work fine and I'm able to make contact with almost
>anyone I hear. But like others I want to be able to do the best I can
>with what I have. Does anyone have any suggestions on what I can do
>better, if indeed I need to.

You may not need to. The trick is to minimize the losses in the feed
system. Loss can be resistive or it may be the result of radiation
from the feedline. The latter is only a true loss however if the
operator is certain that energy radiated from the feedline is
unusable. Depending on many factors, it might occasionally be of
benefit at the receiving end, although it's certainly a pain to deal
with at the transmitter.

Maybe you could describe the antenna system in a little more detail?

73,
Jack WB3U

711. re:Transvertors

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: gary.mckelvie@ukonline.co.uk
Message-ID: <4kk7qf$6no@morse.ukonline.co.uk>
Source record: 202819

Does anyone have any info on a series of transvertors made by
Spectrum Communications, tech info or opions as to how effective they
are ?Mainly interested in 2m or 6m version.
Tnx de GM7USC Gary

712. Tx/Rx Mods wanted for Alinco 180

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jbrandt@sadira.gb.nrao.edu
Message-ID: <4km48p$nvn@solitaire.cv.nrao.edu>
Source record: 202820

I have looked far and wide for Tx/Rx mods for the Alinco DJ-180 HT,
with no luck.
Anybody know of these mods, or have found that they just don't exist?

```
-------------------------------------------------------------------------
_/ _/ _/_/_/_/ _/ _/_/_/ National
_/ _/ _/ _/ _/ _/ _/ _/ Radio
_/ _/ _/ _/_/_/_/ _/____/ _/ _/ Astronomy
_/ _/_/ _/ _/ _/ _/ _/ _/ Observatory
_/ _/ _/ _/ _/ _/ _/_/_/ Green Bank, WV
Joe Brandt (N0NYO) N.R. EMT/FF jbrandt@nrao.edu (304)456-2210
-------------------------------------------------------------------------
```

713. Locator Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: sylvank@central.susx.ac.uk
Message-ID: <4km4hr$b32@infa.central.susx.ac.uk>
Source record: 202821

My QTH is (50 deg 50 min North, 0 deg 05 min West) what is my locator?

Tnx Syl
G0TZX & VE5ZX

714. AM reception on FT-2200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: k8mr@barf80.nshore.org
Message-ID: <Tk30LD2w165w@barf80.nshore.org>
Source record: 202822

Is there a secret trick to let the Yaesu FT-2200 use the AM
detector on frequenies above 140 MHz?

I'd like to be able use it for line noise chasing using a 2 meter
yagi, whose pattern is going to be much better in the band than 4
MHz below its design frequency.

Thanks,

Jim K8MR k8mr@barf80.nshore.org

Jim Stahl
InterNet: k8mr@barf80.nshore.org
Basic Amateur Radio Frequency, BARF-80 +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

715. Re: WTB: CHEAP CHEAP TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: mysonscool@aol.com
Message-ID: <4kmblu$mgm@newsbf02.news.aol.com>
Source record: 202823

I have a Commadore 64c w/1541 floppy drive & PK-64 Pakratt TNC
All docs/software included, it does packed & morse & ascii & more, hf&vhf
all you need is a tv to plug into the commadore and a reciever to plug
into the tnc, and you are on the air.

$100 neg.let me know.

-Brad

716. Nuvistors

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jrybak@mesa5.Mesa.Colorado.EDU
Message-ID: <4kmanl$of6@mesa5.mesa.colorado.edu>
Source record: 202824

Can anyone tell me how many different varieties of nuvistors were made and what their designations were? Also, is there any good material written on using them?

I would like to buy at least one of each of the nuvistor types, preferably in new condition.

Thanks.

Jim Rybak W0KSD

717. cellular phones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jclind@sentex.net
Message-ID: <4km1j1$k3n@granite.sentex.net>
Source record: 202825

Greeting all

I have been given a cellular phone (brand name PUlsar - a Canadian tire
Brand). It was manufactured by Modar Communications Inc. USA. The model is
12325.
What I would like to know is - are there any mods (or key stroke sequences)
that will nable me to use the phone as a scanner? Failing that, what mods
would be necessary to change its operating frequency to the 900 meg ham band?

Thanks

John, ve3sjv@va3sed

jclind@sentex.net

718. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr12.203400.20394@ke4zv.atl.ga.us>
Source record: 202826
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kihkr$g9a@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>>WB3U <jackl@pinetree.microserve.com> wrote:
>
>>>>Gary, no offense, but this couldn't be more ambiguous. Voltage is
>>>>attracted to all unlike voltages.
>>>>
>>>>Also, unless you believe that a charge on an object is imaginary,
>>>>voltage is indeed a substance. It is the "essential nature" of
>>>>the objects under discussion. We can feel it, we can see its
>>>>effects, and we can measure it.
>
>>We cannot feel voltage, we can feel currents driven by a potential
>>difference (voltage). We can't see voltage, we can only see the
>>current flow (spark) caused by the potential difference. And we can't
>>measure voltage, we can only infer its presence by measuring the
>>current flow it causes through a meter movement. All we can directly
>>sense is charge and its flow, <snip> but we can't alter or move or
>>measure the potential directly.
>
>Gary, you're absolutely right about this and I should have been more
>careful in my comments. Our limited senses and instrumentation don't
>allow direct measurement of voltage, only its effects.
>
>This does not mean that voltage is not a substance, however. I used
>the phrase "essential essence" intentionally, as this is the very
>first definition of "substance" according to my copy of Webster's.
>
>Also, your reply doesn't respond to my statement that voltage is
>attracted to all unlike voltages. Are you disputing this or is it
>actually a similar disagreement regarding definitions? I reread your
>previous post, but I'm still not sure.

I am disputing that. Voltage is a *potential difference*, like a
gravitational potential difference, it is an artifact of *position*.
In the case of a gravitational potential difference, the position
of two points on a curved space-time establishes the gravitational
potential difference between the points. Move the reference points,
and the gravitational potential difference between them changes, but
nothing about the curvature of space-time has changed. It's the same
with voltage. It is an artifact of the location of two points in an
electric field gradient, change the location of the two points, and
the voltage changes, but the electric field gradient has not changed

or moved.

Just as the only substance with gravity is mass, which causes the curvature of space-time, the only substance with electricity is charge, which causes the electric field gradient. Everything else is an artifact of position and has no substance. Thus voltages cannot be attracted to other voltages since voltages have no independent existance, rather they express a relationship between points which can be arbitrarily moved which are located in an electric field gradient established by the presence of charge.

Charges can attract (or repel) other charges, IE currents can flow, but voltages cannot flow, IE they cannot attract or repel each other because there is nothing about a voltage to be attracted or repelled. They only express a relationship between two arbitrarily selected positions in an electric field gradient.

Voltage is an artifact of charges and positions, but charge is not an artifact of voltage or position. This is the critical point to remember. Charge has objective reality, voltage is just an effect.

I tried to get to this mathematically in another post, showing that voltage must be associated with a distance between two points, and that those points can be independently and arbitrarily chosen without regard to charge. Now to bring this back to the topic at hand, lets see what that implies for impedance. Impedance is defined as Z=E/I. Now to get a value for E, we must select two points between which to measure. Not so obvious perhaps, those two points must lie in a common electric field gradient in order to have meaning to the circuit. That gradient is determined by charge flow, I, in this case, and a fundamental law of physics is that charge must be conserved, IE we cannot create arbitrary amounts on demand at some arbitrary location, or destroy abritrary amounts on demand at another location. Therefore the charge path must be closed in some manner, IE a conservative circuit, or we are dealing with an electrostatic phenomena and not electrodynamics.

So voltage measurements made referenced to a third party not involved in that closure have no meaning in regard to the dynamic impedance in the circuit. And finally, measurements referenced to Earth have no meaning with regard to impedances in the circuit under discussion since it does not participate in the conservation of charge in the circuit, IE it is not in the return path, and the electric field gradient, if any, it may offer has no direct relationship to the charge, and hence current, in the circuit.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

719. ATV: NEED INFO TD SYSTems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: ema@teleport.com
Message-ID: <ema-1204961342070001@ip-pdx05-08.teleport.com>
Source record: 202827

This company went out of business but I need paperwork on the TD Systmes
70cm module AM- Amateur TELEVISION.
Ed

720. Help Please!-Calibration for RCA Power-Line Monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1996Apr12.143225.117668@kuhub.cc.ukans.edu>
Source record: 202828

It appears a used one I picked up may be out of calibration.
I noticed a covered zero set for the meter and an internal pot.

The meter scale is 120V AC center. It's in a small blue enclosure
with a brown devil resistor inside.

Any info appreciated. Please e-mail direct to:
dharper@kumc.wpo.ukans.edu

Thanks for reading.

73's de N0USP,
Dick

721. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr12.205739.20628@ke4zv.atl.ga.us>
Source record: 202829
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kjhck$d8@nadine.teleport.com> w7el@teleport.com (Roy Lewallen) writes:
>In article <1996Apr10.182937.9864@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>. . . And we can't measure voltage,
>>we can only infer its presence by measuring the current flow
>>it causes through a meter movement.
>
>>. . . we can't alter or move
>>or measure the potential directly.
>
>I've seen plenty of electrostatic voltmeters which purport to be able to
>measure voltage without the presence of current.

But of course they can't. They need a flow of charge into the instrument
to create the displacement that they measure. Because they are dealing
with electrostatics, the flow need not be continous, but it has to occur
nonetheless, and of course a flow of charge *is* current.

>And my hair is a pretty
>good qualitative instrument for detecting electric fields on a dry day.

Yes, but electric fields by themselves are not voltage, which is a difference
across a gradient. It is the charges on your hair being displaced by the
electric field gradient, IE a momentary current flow, that is actually
causing the hair to stand.

We cannot directly measure a potential difference, we can only infer
it indirectly by the charge displacements it causes.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

722. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr12.213306.20814@ke4zv.atl.ga.us>
Source record: 202830

In article <4kjmsv$pcp@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>In article <1996Apr11.161525.14060@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) writes:
>
>>A classic example is a shunt fed grounded base halfwave vertical.
>>You have to shunt feed it because the "grounded" end is a very high
>>impedance point, just as the top end is.
>
>No, the grounded end is NOT a high impedance point. The highest impedance
>point is the top.

But wait, it's a halfwave, and you've been telling me that the impedance
of a halfwave repeats at each end. So if you say it is high at the top,
it has to be high at the bottom too. Can't have it both ways.

Now lets take you at your word here and assume a halfwave grounded
at the bottom does *not* then present a low impedance at the top.
In that case I have just won the debate since I've been saying that
the high impedance at the top is why the halfwave line won't accept
currents from the low source impedance of the feed.

Either I'm right or I'm right. I love it. :-) :-)

Frankly, I believe that the bottom is also a high impedance from
the only point of view that matters here, that of the currents on
the conductor. Earth in and of itself has no particular impedance,
high or low. It assumes whatever impedance is necessary to satisfy
Z=E/I for the values of E and I measured across and along points
in the mesh.

The whole fallacy of your and Jack's argument has been this insistence
on an absolute impedance for ground that is low. Impedances, like voltages,
are only relative to the two points across which they are measured. There
aren't two points with Earth in between in this case, so we can say nothing
about the impedance of Earth from the POV of this circuit.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

723. TS850 VS. IC736 - Input Please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Saad Mahaini <5606939@MCImail.com>
Message-ID: <4kmhba$avm@news.internetmci.com>
Source record: 202831

Does anyone have both of these two radios, and can provide a
comparison input on their capabilities and performance.

724. Pse ur input on Ameritron AL1200, Henry 3KD, Commander amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: no9z@prairienet.org
Message-ID: <4kmi71$9lb@vixen.cso.uiuc.edu>
Source record: 202832

If you have experience with any of these amps, I would like to hear the pros and cons. I am curious about rtty output and qsk operation with these units. Any comments would be appreciated. 73 de Lynn
--

725. Kenwood TM-241 Mods Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: smcnabb@renc.igs.net
Message-ID: <4kmk5a$748@nntp.igs.net>
Source record: 202833

Greetings,

I'm looking for the mods for the Kenwood TM-241.

73 de Steve VE3SGM
Email: smcnabb@renc.igs.net
Packet: VE3SGM@VA3EEE.#EON.ON.CAN.NA

726. HF for amateur and marin bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: kjellj@powertech.no
Message-ID: <4kmovn$hb@troll.powertech.no>
Source record: 202834

I plan to use the Icom 706 / AH-3 in my sailboat. Need to use it both on amateur bands and on marin bands HF. Can anybody tell me if this can be done?

Kjell Johnsen, Borgar Steinsets vei 4., N-3034 Drammen, Norway
e-mail: kjellj@powertech.no Phone: +47 32811025
Ham-call: LA7GV AX25: LA7GV@LA2D.DRM.F.NOR.EU Loc.: JO59CR

727. packet mod for ft-2500 wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Hank <kb2rkx@soho.ios.com>
Message-ID: <316EDD75.3E8E@soho.ios.com>
Source record: 202835

Does anyone know where I could find the ptt data on the controle board of a ft-2500? I want to make a data port for the radio so that I don't have to keep plugging & un-plugging the mic. The manual describes how to do a 9600b mod that could also be used to bring the Tx,Rx,& Gnd out of a cutout on top of the radio, but it DOES NOT show where to find the Ptt. I don't want to remove the front/display pannel if I don't have to, unless I could find a service manual, just to tap into the back side of the mic conector. Thanks, 73 Hank

728. Re: Locator Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: nick@innage.demon.co.uk
Message-ID: <19960412.215541.72@innage.demon.co.uk>
Source record: 202836

In message <4km4hr$b32@infa.central.susx.ac.uk> Sylvan Katz wrote:

> My QTH is (50 deg 50 min North, 0 deg 05 min West) what is my locator?
>
> Tnx Syl
> G0TZX & VE5ZX
>

IO90XT

--
-Nick-
-----------------------------------oOo------------------------------ ,_,
Nick Grose nick@innage.demon.co.uk (o,o)
Bridgnorth Shropshire England {`"'}
-- -"-"-

729. wtb: allied cb & shortwave

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <4kmjda$ckg@ferengi.prismnet.com>
Source record: 202837
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.shortwave

looking for a knight-kit walkie talkie (model# c-100) 100mw cb from 1963
or 1964. it was blue.

also, need a knight-kit ""span master" 4-band shortwave receiver (built
or unbuilt). this receiver is also from 1934 or 1964.

would also be interested in lafayette, heathkit, or allied catalogs from
1962 to 1966.

thanks
bobby
wb5wur

730. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr12.225435.21182@ke4zv.atl.ga.us>
Source record: 202838
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kjvuc$1ab@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>No, Jim. In an *AC* circuit there is no net charge flow. All
>>charges merely oscillate back and forth around their original
>>positions in step with the changes in potential.
>
>Gary, explanations like this are the reason your readers are confused,
>and perhaps also the reason we are having this discussion. What
>you've said is true, but it falls far short of explaining the flow of
>current that Jim asked about.

Perhaps it would be useful to discuss precisely what we mean when
we talk about a "flow of current" in relation to AC. What exactly
is flowing if it is not charge? But lets defer that for now.

>It is much easier to understand what's happening if it's remembered
>that the transmitter has two RF output terminals (poles). The only
>"loop" that must exist in order for current to flow is the current
>path internal to the transmitter and through the load. To satisfy
>Kirchoff, the current flow through all internal points and through the
>two output terminals must be the same.

Yes, I've been saying that long and loud since the start. The topology
is conservative. Kirchhoff's Law can not be violated.

>What you've missed is that current drawn from those two poles is
>forced to be equal and opposite by the inherent nature of the fields
>inside the coax. Therefore, regardless of the load at the far end of
>the coax, the load seen by the transmitter itself is *always* balanced
>at both poles. Nothing is attempting to draw more current from one
>pole than the other, therefore there is no need for any "return"
>current in order to balance the transmitter. **This condition is
>satisfied whenever coax is attached to the transmitter.**

Ok, so if we believe this, there can be no current flowing down
the outside of the coax because all the current that came up to
the load on the inner had to go back down on the inside of the
outer, and vice versa on the other alternation, because you say
coax *forces* this condition. So now you're left with trying to
explain the source of the current that we know *is* flowing on
the outside of the outer of the coax. Where's the generator for
that current if it isn't the transmitter?

>Please stop this nonsense about some sort of external loop that must
>be completed. It is an instinctual concept that does not exist in a
>coaxially-fed system.

Try again. Your paragraph 1 above states correctly that all current leaving the transmitter must return to the transmitter, Kirchhoff's Law must be obeyed. Your paragraph 2 then states that coax *forces* the currents on the inner and the inside of the outer to be in balance, but that leaves I + (-I) = 0 current remaining to flow down the outside of the coax outer. So you now have to invent another current source in order to explain the current that *is* flowing down the outside of the outer, or contend that there *isn't* any current on the outside of the outer and that this whole thread has been built on a faulty premise that cannot happen and that there can be no such thing as a hot shack when we use coaxial feedline.

If you try to say currents spring into existence without a generator, then you've invented perpetual motion and we can sell that "free" current flowing down the outside of the coax to the power company and retire rich, IE you'd be claiming 1+1=3.

[Note: for those not following closely, I know that's not true, it is merely an implication of Jack's version of how things work. As a hint for those playing at home, an understanding of what we really mean by AC "current flow" is a key to understanding what's really going on.]

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

731. Re: Info: Icom IC-730 Info Wanted?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Bill@halcyon.com
Message-ID: <NEWTNews.829357360.15092.bill@bill.halcyon.com>
Source record: 202839

In Article<4kl0ha$8sq@news.wco.com>, <sbryant@wco.com> writes:

> Hello-
>
> I'm looking for any information, good or bad on the Icome IC 730. I don't
> know a whole lot about this rig and have an opportunity to purchase one.
> Please e-mail or reply post with your comments. Thanks in advance.
>
> Steve
>

Hi Steve,

The 730 was a good low end radio. It is ham band only. Works very well on SSB. For CW there isn't enough selectivity and you will want a secondary audio filter.

Price for a used one in good shape should be about $450.

Bill

732. FS : TEN-TEC ANTENNA TUNER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: kbooher@imsweb.net
Message-ID: <kbooher.66.0012358B@imsweb.net>
Source record: 202840

I have a Ten-Tec model 238 Antenna Tuner forsale - I just bought a model 253 and don't have a need for 2 tuners... Asking $285 plus shipping....

Ken

733. Re: rig interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Len Revelle <lenrev@wwa.com>
Message-ID: <316F3142.6BB@wwa.com>
Source record: 202841

Robert wrote:
>
> Anyone have phone # & know of good rig/computer hardware interface
> vendor?
> --
> 73 Robert WB5CRG w5robert@blkbox.com

If you are looking for the RS-232 level translator try DX Solutions. They
should be in most ham mags.
--

```
********************************
| Len Revelle lenrev@wwa.com |
| Illinois CIS 72607,1320 |
| KE9YR |
********************************
```

734. Re: Kenwood TM-241 Mods Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <316F505E.15FB@pactitle.com>
Source record: 202842

Stephen McNabb wrote:
>
> Greetings,
>
> I'm looking for the mods for the Kenwood TM-241.
>
> 73 de Steve VE3SGM
> Email: smcnabb@renc.igs.net
> Packet: VE3SGM@VA3EEE.#EON.ON.CAN.NA

try looking here

--
http://oak.oakland.edu:8080/pub/hamradio/mods/

have fun
http://www.lookup.com/Homepages/65348/home.html

Dave Booth
kc6wfs

735. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: tswift@attmail.com
Message-ID: <4kmpqi$qmi@doc.zippo.com>
Source record: 202843

Jim: The article says nothing of the cause of the poor blocking dynamic
range. Tom

In article <4kjqdv$npr@murrow.corp.sgi.com>, jimf@zoinks.corp.sgi.com says...
>
>Hi Tom, Peter and others,
>
>This might explain some things I've been noticing with my 736R also. I'm going
>to search for mods that might cover this problem. I intend to contact Yaesu to
>see if they might have some pointers on do-it-yourself mods. I don't have much
>hope on either of these, so I'd be willing to work with some of you folks on
>attempting to come up with some modifications ourselves. I don't think I have
>enough technical expertise to go it alone, but am able to work on it as a team.
>I'm doing this as I use the radio mostly for terrestrial SSB work right now, and
>would like to clean it up.
>
>Tom, does the article give any more specific information as to the cause of the
>problem and/or remedies? I haven't been able to locate a May 90 QST.
>
>Jim
>KF6AGJ
>jimf@corp.sgi.com
>
>

736. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: tswift@attmail.com
Message-ID: <4kmq37$qv9@doc.zippo.com>
Source record: 202844

Dale: Have you heard rumors of a 746R? Tom KD2MF

In article <4kkadm$3q2@newsbf02.news.aol.com>, parf@aol.com says...
>
>Hello FT736R owners (inc. me),
>In the Proceedings of the 21st Eastern V/U Conference (available thru
>ARRL) there is an article by Bruce Wood N2LIV and Ron Katz WB2DVK on
>"revitalization of the 736." It describes entirely new front ends for the
>xcvr. These are commercial front ends. Noise floor, NF, and dynamic range
>were the areas of improvement. I have not bought these.
>I am a bit disappointed in the features of the rig. Even my FT650 had a
>built in attenuator! Also seems like a rig in this price range would have
>xvrtr outputs and the ability to turn OFF the AGC. Hard to measure sun
>noise when the AGC is always on (I don't need 3 different AGC speeds).
>
>Dale WA2YPY awaiting the 746R

737. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <4kmpe9$117q@news.ccit.arizona.edu>
Source record: 202845
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

>flanders@znet.groupz.net (Jerry Flanders) wrote:
>>Anybody contemplating insurance on their ham gear should first ask
>>their Homeowner's Insurance agent if they are already covered. I am

In case no one has said what I'm about to say:

I agree - first check your own homeowner's AND auto insurance. I have had the ARRL insurance for the purpose of insuring my mobile rig, but now State Farm WILL cover 2-way radios that are BOLTED DOWN (as opposed to sitting on a seat, unbracketed). Since I have ZERO deductible on my Comprehensive for car insurance, I will recover full replacement costs should the radio be stolen. If you have a deductible, see how much it would cost you to either lower the deductible or reduce it to zero; THEN compare that to the cost of ARRL insurance WITH their $50 deductible. And remember, too, the ARRL insurance (for some reason) requires you to list ALL your ham radio equipment, even if you DON'T want to insure it. The more you list, the more you pay.

The ONLY good thing I find about the ARRL insurance is that it is basically (as I understand/recall) all-risk. Should a piece of equipment be damaged by a cause that State Farm doesn't "recognize", then you are screwed.

Howard Lester

738. FT990

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jrayol@manaus.pegasus.COM.BR
Message-ID: <316DA35C.735B@manaus.pegasus.com.br>
Source record: 202891

Dear Friends.

I need urgently. How to encrease power in ft900???
Whats VRs and board....

PP8KWA Fred in Amazonas Brasil

Sorry my English

jrayol@manaus.pegasus.com.br

739. Re: Alinco DR-150T or Ramsey Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jones@San-Jose.ate.slb.com
Message-ID: <4kk9m5$lld@k9.San-Jose.ate.slb.com>
Source record: 202892

Douglas R Davis (redbone@juno.COM) wrote:
: My little Alinco DJ-160T would not open the repeater, so I sold it to a more
: knowledgeable Ham. My question: Assuming my kit building skills are up to par, what
: quality of 2 Meter mobile would I end up with after building the Ramsey kit for $149.00
: plus about $22.00 for the enclosure?
: Would I be better off just to buy the DR-150T alinco 2 Meter Mobile for $479.00?
: (Amateur Electronic Supply)

: Doug

: KC8CGX

Doug,

I built the Ramsey kit for 220MHz. I had a problem with noise (jitter)
in the synthesizer, and have sent Ramsey a letter about it, sereval weeks
ago, with no response. (I had managed to borrow an ~$10,000 "station
monitor" to analyze it with, and sent Ramsey those results.)

The layout for the Ramsey kit leaves a _LOT_ to be desired. They are
physically very fragile, and have the problem of using a diode matrix
for programming.

I also have a problem with mine in that in mobile service, it won't even
"kerchunk" the repeater from about a mile and a half with the engine running,
while with the engine off it'll bring up the same repeater solid from 25
miles away (same antenna, too).

The only service I can advise for the Ramsey is possibly for packet,
though I have not tried it myself.

If the 2M radio from Ramsey is of the same level as their 1.25M radio,
you'd be a lot better off sprining the extra $30 or so and getting a
Radio Shack HTX-202, and the cord for the cigar lighter (use the drycell
pack empty in this configuration if you want the ignition switch to turn
off the radio).

73,
Clark
--
Disclaimer: The opinions expressed above are mine and not those of Schlumberger
because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 Internet: jones@San-Jose.ate.slb.com
Packet:(not currently available) RF: KI7TU ICBM: 33 20' 44"N 111 53' 47"W
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,
AZ 85284-1825

740. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kkf8u$6p3@crash.microserve.net>
Source record: 202893
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>I have been giving this connection to ground business some thought,
>however, and thought of one thing that could happen. If Earth is
>matched to the impedance of the outer of the coax, the coax would
>look much longer to the RF current waves standing on it, IE it's not
>a halfwave anymore.

Gary, I am very glad that you are reconsidering the effects of the earth ground at the transmitter. This is critical to understanding these issues and it is one of the mechanisms that is almost totally ignored in ARRL literature (except for what I quoted). Honostly, it has taken me years of RFI and RF burns to fully understand what was wrong with my systems. I finally had to abandon all the complicated theories and start at the beginning. When I was done, it turned out to be so simple that I wanted to strangle the nearest engineer (and more than a few editors). ;)

Getting back to your statement, "... the coax would look much longer to the RF current waves standing on it, IE it's not a halfwave anymore.", you're correct. However, this primarily causes the impedance at the transmitter to rise above ground potential, compared to being directly grounded to earth. *In practice*, the 1/2 wave shield will still reflect the impedance at the transmitter back to the source due to the way in which the waves combine.

>Since the Earth is a sheet resistance with dimensions many
>wavelengths on a side for any sensible frequency we might use, that
>would remove the open voltage node from the rig end of the coax.

For practical purposes, it is a resistance with an *infinite* length. RF current flowing through earth is attenuated to an infinitesimally small value long before the "end" of the conductor is reached.

You're right - there is no voltage node at the transmitter (unless the length of the conductors and capacitance between the chassis and earth combine to form the equivalent of a 1/4 wave line).

>However, for that to happen, the outer has to be impedance matched
>to Earth, otherwise there's an impedance discontinuity at the
>junction, and you still get reflection, and a standing current wave
>on the coax outer with a maxima at the junction. I don't think
>typical station Earth connections are actually matched, so I'd treat
>this case as exceptional rather than the norm.

Right again, there will almost always be some reflection. That's OK though. The transmitter still won't be a high impedance point in absolute terms.

> The impedance of the outer is rather ambiguous anyway since there
> has to be a reference outside the conductor across which a potential
> can be expressed in order to calculate an impedance.

The reference is earth. Both the transmitter and our bodies are referenced to this potential by (at least) capacitance. When someone touches a transmitter chassis and receives a burn, it is because the transmitter is no longer referenced to earth.

Also, you only need a reference at *one* end of a wire to determine its characteristic (surge) impedance. If that reference is ground, the impedance of a horizontal wire can be calculated on the basis of the wire's diameter and height above ground. In real terms, this is usually between approximately 500 and 1,000 ohms. Even if the wire is vertical, it still has a specific surge impedance referenced to ground.

>If, as is the case with single conductors, that reference is a
>"ground" plane, and that is in fact Earth, you'd be trying to match a
>two wire "line" to one of its constituent wires at the junction. That
>sounds theoretically impossible to me.

Yes, it's extremely unlikely that a match would be achieved in a random installation. However, not only don't we need a match, we don't want it. As long as the terminating impedance is *less* than the surge impedance of the line, the 1/2 wave line will exhibit *current maximas* at the ends. The worse the mismatch, in terms of the termination being lower than the surge impedance, the higher these current maximas will be. This is why a 1/2 wave line won't isolate antenna current from the transmitter.

Gary, I think you're much closer than you realize to being in agreement on this issue. Unless you take serious issue with my replies, we already have a partial consensus.

73,
Jack WB3U

741. 3950 on the net?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Greg Limeberry <glimeber@mail.tima.com>
Message-ID: <4kkdp2$7i7@gretle.intersource.com>
Source record: 202894

Greetings to the group:

I've heard that the 3950 group will be getting on the net soon (i.e. a home page). I would be interested in contacting anyone connected with this effort.

Thanks in advance,

Greg Limeberry

742. Schematic Wanted: Realistic DX300 Rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: "Jack A.Peterson" <jpeterson@mail.ncn.net>
Message-ID: <4kkf72$nvq@insosf1.netins.net>
Source record: 202895

I need a schematic and service info for a Realistic DX 300 Rcvr. I"m willing to pay for copying and mailing costs. Thanks! Jack Peterson K0AMB jpeterson@ncn.net

743. Pse comment on AL1200 and 3KD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: no9z@prairienet.org
Message-ID: <4kkgqh$s65@vixen.cso.uiuc.edu>
Source record: 202896

I would like to hear from users of the Ameritron AL1200 and the Henry 3KD Premier amplifers. I am interested in any problems you may have encountered. Any arcing problems also. I assume both will run legal limit, but have you tried them at 1500 output rtty? Any coments welcome. 73 Lynn
--

744. Re: Radio Shack HTX-242

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: rfisher@sky.net
Message-ID: <4kkkb5$ri3@alpha.sky.net>
Source record: 202897

John Hughes <afn01079@afn.org> wrote:

> Larry Bourdillon <labour@ix.netcom.com> wrote:
>

>Hello, Rodney. Any chance my local store will let me trade in the 212 I
>bought last fall for the new/improved model?

I would be very surprised if they would. Your best bet is to sell it
at a local hamfest or put an ad in the paper. The current sale price
for a 212 is $269.99, so I would price yours a little lower (maybe
249.99 if you have box and manual).

73s,

Rodney, KB0SPZ

745. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: llg@pacifier.com
Message-ID: <4kklq5$t8e@news.pacifier.com>
Source record: 202898

Wow, I never thought that my original post would create so much information... What I'm really trying to get to is, I have a Kenwood TS-450SAT currently connected to a multiband inverted V antenna tuned for 20, 15, 20, and 40 meters. My station is located in a room on the second floor of my home. My space is limited for the antenna and want to have the most efficient station for the space and location I have. I haven't had any problem with RF in the shack even befor I added a ground. Since my first post I have added a ground stake and ran a 12 gauge wire from the ground post of the radio to the ground stake. It's 30' long. Now everything I've read says you need to have a ground wire as short as possible in order for it to work. In my case 30' is as short as I can go. This is why I was looking into the Artificial Gound. But it really didn't work as I expected it to. My feed line to the antenna is also 30' long. The antenna is mounted at the eve of the house and goes down at a 45 degree angle to the gound with the longest wire coming to with in 4 to 5 feet of the ground which then is connected to a insulator and guyed down with nylon rope. Things seem to work fine and I'm able to make contact with almost anyone I hear. But like others I want to be able to do the best I can with what I have.
Does anyone have any suggestions on what I can do better, if indeed I need to.

Thanks and Best of 73's
Lonnie

In article <4kemfn$f4i@crash.microserve.net>,
jackl@pinetree.microserve.com says...
>
> w8jitom@aol.com (W8JI Tom) wrote:
>
>>Let me see if I understand this statement. Are you saying, if I
>>ground the far end of a half wave antenna, the current maximum STILL
>>occurs in the middle instead of the end?
>
>This is a *very* important point.
>
>If a 1/2 wave end-fed wire is terminated with an infinite impedance
>(open ended), it exhibits voltage maxima at the ends. If it is
>terminated with zero impedance (connected to RF ground), it exhibits
>voltage minima at the ends.
>
>Between these two values, there is terminating resistance for which
>there will be no standing waves on the line. The value of that
>resistor is equal to the surge impedance (Z0) of the end-fed wire,
>which is in turn determined by the diameter of the wire and the

>spacing of the wire above ground. When it is terminated with that
>resistance, the source will see that resistance regardless of the
>length of the wire.
>
>In this regard, the wire behaves exactly like a transmission line.
>
>73,
>Jack WB3U

746. ICOM 229H DTMF PROBLEM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: dd980@FreeNet.Carleton.CA
Message-ID: <4kkb1j$au7@freenet-news.carleton.ca>
Source record: 202899

I just bought a used 229h and cant get the repeater to hear all the tones.
You here all coming out of the rig but the audio is loud for the tones but not
voice . Can the audio be turned down in the mic for the tones? If so where
in the mic or in the rig.

747. yaesu 2100B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: larryf@pacifier.com
Message-ID: <4kkr6s$61o@news.pacifier.com>
Source record: 202900

I've got a 2100B that doesn't do it to it anymore. The plate and grid resistors keep burning out and I believe now the tubes are cratered. The cost to repair AGAIN is out of the question. Why should I continue to throw good money after a bad design?? I need to know if any of you out there in cyberland have modified this hummer to be a different animal that actually lasts beyond 30 hrs of operation. I hate to dump this boat anchor, the transformer puts out plenty of power......there should be some other tubes and associated bits of carbon and porcelin to make this thing fly more gooder more longer eh?? 73 KI7RI or Kay seventeen are one or
Killowatt India Seven Ruptured Intestine.
--

--
AMERICAN PIANO & ORGAN TECHNOLOGY
specialist in retrofits for acoustic pianos
email larryf@pacifier.com about
PianoDisc, QuietTime, PianoCD, Pianomation & Disklavier
Check out my homepage http://pacifier.com/~larryf/homepage.html
---
--

748. Info: Icom IC-730 Info Wanted?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: sbryant@wco.com
Message-ID: <4kl0ha$8sq@news.wco.com>
Source record: 202901

Hello-

I'm looking for any information, good or bad on the Icome IC 730. I don't know a whole lot about this rig and have an opportunity to purchase one. Please e-mail or reply post with your comments. Thanks in advance.

Steve

749. Re: GMRS Repeater Linking ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jefco@got.net
Message-ID: <316E0A0C.608@got.net>
Source record: 202902

MKWS78A@prodigy.com (William Rahl) wrote:
> Is it legal to Link GMRS repeaters? I so how would you link them when
> your only assigned UHF frequencies. Unlike Ham bands you can link
> VHF to UHF . Any help appreciated.

According to the "Personal Radio Steering Group" (PRSG) which publishes a plain english instruction booklet on how to properly fill out a GRMS license form:

"The GMRS is available only for communications between MOBILE UNITS, or from one or more mobile units with a single land station. Land stations are PROHIBITED for communicating with each other."

The document can be downloaded from the PRSG bulletin board at (313) 995-2100.

-jeff, kf6bkg - monitoring

750. Re: Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Nat Davis <ndavis@vt.edu>
Message-ID: <4klj5n$jnc@solaris.cc.vt.edu>
Source record: 202903

sdrumm@albert.nuc.umr.edu (Scott Drumm) wrote:
>
>
> I just recently received my no-code Tech license, and the time has now
> come to purchase a radio. I'm looking for a 2m HT that is small and
> rugged enough to be carried when backpacking, hunting, hiking, etc.
>
> Members of the local club recommended the ICOM IC-T22A for $245,
> and I was wondering if anyone has had positive/negative experiences
> with this particular model and/or company.
>
> Also, what features should I be looking for in a handheld unit in the
> $250-$350 price range? I'm a little vague on what DTMF, coded squelch,
> and tone squelch features actually *do*, so any help in that area would
> be appreciated.
>
> Thanx for the assist!
>
>

I have been very pleased with my Radio Shack HTX 202.
It goes on sale for about $190 every month or so. It is a little
larger than the shirt pocket sized radios you can buy now, but
is an excellent radio. It has proven to have great range and I have
gotten many comments on it good quality "voice." A Radio Shack
is near just about everybody, so go take a look!

DTMF is a dual-tone scheme used to encode your keypad. Touchtone phones use
the same thing. You use it if, for example, you want to use a
repeater's autopatch feature and place a phone call ("patch") via
your HT. When you press a key, a two-tone AF signal is transmited and
must then be decoded at the receiver.

The CTCSS tone encoded squelch is used to control access to a repeater.
If a repeater is "toned," you must transmit a tone subcarrier along with
your normal FM signal in order to access the repeater. Most of the
time, this is used to reduce noise and interference going into the
repeater and causing it to retransmit the noise. Only toned signals
"get through." You can do the same thing on your HT -- only toned signals
that you receive will break your squelch. Seems like there are
30-50 different squelch tones that you can pick from when setting this
up. If a repeater is using a tone, you can find out what tone it is by looking
the repeater up in the repeater atlases that the ARRL and others sell.

Hope this helps. Congrats on getting your ticket! Start working toward Extra!

Nat Davis
N4BTO
Blacksburg, VA

751. 3950 on the net

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Greg Limeberry <glimeber@mail.tima.com>
Message-ID: <4klk6h$cr6@gretle.intersource.com>
Source record: 202904

Greetings to the group:

I've heard that the 3950 group will be getting on the net soon (ie.a home page etc...) Anyone know anything about this. I would be interested in contacting anyone connected with this effort. Thanks in advance!

Greg Limeberry

752. For Sale: Yeasu FR 101-S Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: "J.D. Taliaferro" <talia@use.usit.net>
Message-ID: <316E6D31.521@use.usit.net>
Source record: 202905

I have a Yeasu FR 101-S receiver for sale. Copy of the manual is included.

Covers 60m, 80m, 40m, 20m, 15m, and 10m, expandable to include 6m, and 2m.

Modes receivable are AM, USB, LSB, CW, RTTY, expandable to get FM.

I am a certified appliance operator and this rig is beyond my experience or lack there of.

Asking 150.00 shipped. Will entertain any reasonable offer.

Email:talia@use.usit.net phone: 901-658-9471 after 6:00

Thanks for your time and attention.

753. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jaeschke <jaeschke@cordmc.dnet.etn.com>
Message-ID: <4klhk7$cck@ns.oar.net>
Source record: 202906
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Gary:

You are correct that there is no net flow of current in AC waveform if you average over a full AC cycle. There is a net flow of current during the positive and negative parts of the cycle. This flow of current is what does the heating in the resistive components if any of the circuit attached to the source of current.

If I have a DC source that I connect with one polarity to a resistor for a while and then reconnect it with the other polarity fot the identical amount of time, I will have a net flow of current into the resistor of zero. I will have a net flow of current from the battery and this times the voltage of the battery is the power that is put in the resistor.

Jim

754. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4klm1j$fj7@newsbf02.news.aol.com>
Source record: 202907

Hi Lonnie,
Threads take on a life of their own. Your post created information and mis-information. Hi.

In article <4kklq5$t8e@news.pacifier.com>, llg@pacifier.com (Lonnie) writes:

>Wow, I never thought that my original post would create so much
>information...

> My station is located in a room on the
>second floor of my home. My space is limited for the antenna and want to
>have the most efficient station for the space and location I have. I
>haven't had any problem with RF in the shack even befor I added a
>ground.

You would only notice the problem if it was severe. With 100 watts, you likely won't get burns or RFI even with a little bit of RF floating around on the cabinets.

>Since my first post I have added a ground stake and ran a 12
>gauge wire from the ground post of the radio to the ground stake. It's
>30' long. Now everything I've read says you need to have a ground wire
>as short as possible in order for it to work. In my case 30' is as short
>as I can go.

That's not a ground at all on 40, 20, 15, and 10 meters, hi. But it is a ground that helps increase safety a little.

>This is why I was looking into the Artificial Gound. But it
>really didn't work as I expected it to.

All that does is tune out the reactance of the ground lead. It can not modify the resistance, or prevent radiation from the ground lead. At times it helps, at times it does nothing. In you case, I expect the latter to be true.

>My feed line to the antenna is
>also 30' long.

That's a good length for 40 and 15 (assuming surroundings aren't detuning it), and a bad length for 20 and ten. You could be more sure of the performance if you added a small choke balun of several turns of coax a few inches in diameter at the feedpoint. Wind the coax around a large diameter PVC pipe in a single layer.

That simple common mode choke coil helps keep the current in the antenna balanced and off the outside of the coax, and it is cheap.

I had a feedline connected to a 160 meter dipole at 300 feet on a tower. At low power, everything worked fine. When I ran a big amplifier the shield of the coax arced over to the tower about 100 feet down from the antenna. I fixed the problem by adding a choke balun, and by grounding the cable to the tower 1/4 wl below the feedpoint.

73 Tom

755. oops on radio is FT990 not FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jrayol@manaus.pegasus.COM.BR
Message-ID: <316E5008.1AAE@manaus.pegasus.com.br>
Source record: 202908

Dear Friends.

I need urgently. How to encrease power in FT-990?
Whats VRs and board ???

PP8KWA Fred in Amazonas Brasil

Sorry my English

jrayol@manaus.pegasus.com.br

756. Opinions wanted on 2m mobile rigs.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: Ron Reashore <reashore@nbnet.nb.ca>
Message-ID: <316E8CE5.36A6@nbnet.nb.ca>
Source record: 202909

I am looking at buying a 2m mobile rig. UHF not necessary, neither a dedicated packet connector. Really just looking for a solid rig with good intermod filtering "out of the box". Prefer to buy new rather than used.

With this in mind, there is a Canadian dealer offering (for a limited time, limited quantity) a Kenwood TM-241A for $299Cdn. Is this a good buy?

I have seen a couple of different spec sheets on this model and there was a discrepency on the number of memory locations is it 20 or 40?

How does this rig compare to the Yeasu FT-2200M, the Icom IC-2000H, or the Alinco DR-130? Any comments on any of these rigs is appreciated.

Thanks,

Ron VE9ZX
Saint John, NB, Canada

757. Re: Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: jmg@tntech.edu
Message-ID: <1996Apr12.085657.20357@atlas.tntech.edu>
Source record: 202910
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4kfc9v$l1h@mtinsc01-mgt.ops.worldnet.att.net>, erica.s@worldnet.att.net (Rick) writes:
>>
>
>> I received my 1209 2m - 6m transverter kit last week, but have
>
> What other new kits have they announced? I hadn't heard about the
> 2m to 6m kit?
>
> Rick KT2Q

I am completing a review of the 2 meter kit. The basic kit is $200 and an extra $50 I believe for the 35 watt amplifier module which fits on a large heat sink that attaches to the back of the rig.

The finished rig won't have all the bells and whistles of a mobile 2 meter rig.. no scanning, and right now no DTMF mike to go with it.. but it has internal provisions for tones and packet and they are looking to put a matching mike or mike kit out for it.

The rig does have 15 memories, is small and looks very professional (not like a kit) when completed.. does the offset and non-standard offset.

The rig is built in sections and you test each section and get it functional before proceeding.. I love this approach. The quality of all parts is excellent.. the manual is excellent. the original had a couple of minor errors, only one that would cause you desoldering problems.. but they have already done an addendum that caught all the problems I came across.. the Faxed it to me. The support is excellent.. if you run into a problem, you can talk to someone I believe who designed it.. but at least he knows about everything there is to know about the rig.

You only need a standard meter for most of the alignment. I found the alignment process for all sections extremely easy.

I loved building the kit.. it works great and the enjoyment I had building it justified its cost.

73
Jeff

758. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-12 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199604121422.JAA11323@outpost.safe.ia.gov>
Source record: 202911

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Fri Apr 12 09:22:51 CDT
1996 remote from osiint.safe.ia.gov
Date: 12 Apr 1996 09:22:04 -0500
X400-Trace: US*ATTMAIL*IADPS
arrival 12 Apr 1996 09:22:04 -0500
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/RFC-822=Ham-Equip(a)ucsd.edu/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/ADMD=ATTMAIL/C=US/
"@osiint.safe.ia.gov
In-Reply-To: <"\"/RFC-822=199604102331.QAA22569(a)mail.ucsd.edu/OU=OSI-INTERNET/O=WALLACE/
PRMD=IADPS/ADMD=ATTMAIL/C=US/\""@osiint.safe.ia.gov>
Subject: DSP reply
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl0412091936aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl0412091936aa
UA-Content-Id: werl0412091936aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Fri, 12 Apr 1996 09:22 CDT
Content-Type: text
Content-Length: 1093

> Date: Tue, 09 Apr 96 12:29:00 -0400
> From: roland.stiner@hobbs.com (ROLAND STINER)
> Subject: DSP UNITS
>
> Maybe you can help me with this question: there is a delay between the
> signal that goes into the unit and that which comes out. When you are
> sending CW, does that "mess up your timing" (if you send and hear the
> signal slightly after you close the key?)
> OLX 1.53 --------------> 73, de NK2U <----------------
> ------------------------------
Sri for not responding sooner, I have noticed no delay at my 10wpm rate. Not
to say some speedy type 20+ may not notice it. OTOH, I'm not tech oriented
but my question is this:
Is the DSP (this or any model for that matter) active on transmit as well as
well as receive? I was under the impression it was for receive only.
Or I may be way off base on the impression I get from the above post. If I'm
off the mark, I apologize. But a very interesting question.

All answers/info appreciated.
```

73 de Scott N0XZY
werling@safe.ia.gov OR scott@ia.net

759. Re: Radio recomendations and suppliers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: shul9478@uidaho.edu
Message-ID: <shul9478-1304961350460001@xslip96.csrv.uidaho.edu>
Source record: 202712

In article <0000121D000010C5@prostar.com>, kris.mcdonald@prostar.com (Kris Mcdonald) wrote:

> How does the Emperor TS-5010 compare to the RCI-2950?
> Is the Emp a good radio?
> Some people have told me that the Emperor is a piece of crap radio compared
> to the RCI and I'm just trying to get a concensus opinion.

I have no firsthand knowledge, but from what I've heard neither is a good rig. The RCIs apparently have problems with spurious emissions. I'm not sure what the problem is with the Emperor, but the advice I've consistently seen is that the Uniden HR-2510 is the best choice in this area.

> Also I need #s of some mail order places that sell 10m rigs and amps.

I'm a new ham, so I'm not sure if any of these guys sell 10m stuff, but here are some numbers:

Ham Radio Outlet - have several numbers for different areas of the country, but since you're in the West the number would be 1-800-854-6046

Amateur Electronic Supply - 1-800-558-0411

Amateur Radio Supply - 1-800-457-2277 (these guys are in Seattle, don't know how far that is from you)

Electronic Equipment Bank - 1-800-368-3270 - these guys sell lots of scanners/sw receivers as well as ham gear

And, if you're looking for 11m stuff (CB) as well, you might want to check out Copper Electronics, 1-800-626-6343

--
Wes Shull, KC7QCY | No web page! After 3 semesters, they finally realized
Galactic Emperor | my major is no longer computer engineering, and nuked
shul9478@uidaho.edu | my cs and ee accounts. New web pages forthcoming...

760. ? Best 2m/440 dual-bander?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: shul9478@uidaho.edu
Message-ID: <shul9478-1304961427540001@xslip05.csrv.uidaho.edu>
Source record: 202713

I'm new to the hobby, and looking at getting (or having someone else get me, for lack of money) my first HT. I'd like a fairly nice unit, a dual-bander. I've been looking at the various manufacturer's offerings, and I think I've narrowed my choice down to the following:

Kenwood TH-79A(D)H
Yaesu FT-51RH
Alinco DJ-G5TH
Icom W31AH

I've been looking at the 'H' (5w, high power) versions, because I live out in Idaho, which has an awful lot of nowhere out in it. Is this a good/bad idea?

Also, I can't seem to find any information on Standard brand radios. Do they have any in this feature range that I should be considering?

I've heard that Kenwood radios are generally very durable, whereas Icoms are rather delicate. Is this true? Does it apply to the particular radios I'm looking at? How do the other brands/models stand?

Also, is there any particular brands/models I should avoid, because of problems with sensitivity/selectivity/intermod/overmod/anything else?

I've also heard of a problem with the TH-79A display. Has this been fixed on the (D) model?

While the others have a cross-band repeat, the Yaesu has a 1-way repeat as well. What is this? And I've heard of people killing their HTs using the repeat function. What is the typical maximum duty cycle for these type of radios?

Also, is the 'scope' feature that the Yaesu and Alinco have actually useful? How about backlit keys?

And lastly, how much use time I can expect from these radios on a charge?

Sorry for so many questions. I've tried to gather information from as many sources as I can, but I haven't been able to find much on the web, and none of the local libraries carry QST (to look up reviews). I plan to pick up some brochures with more details at the Lewiston (ID) Hamfest in two weeks, but until then I'd greatly appreciate any input anyone has (especially on the matters that aren't going to be mentioned in brochures, like durability and common failures).

--
Wes Shull, KC7QCY | No web page! After 3 semesters, they finally realized
Galactic Emperor | my major is no longer computer engineering, and nuked

shul9478@uidaho.edu | my cs and ee accounts. New web pages forthcoming...

761. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kngjp$6o0@newsbf02.news.aol.com>
Source record: 202762

Hi Gary,
Try answering questions I have, if you can. Otherwise, I'm outta here.
In article <1996Apr12.213306.20814@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
(Gary Coffman) writes:

>>No, the grounded end is NOT a high impedance point. The highest
impedance
>>point is the top.
>
>But wait, it's a halfwave, and you've been telling me that the impedance
>of a halfwave repeats at each end. So if you say it is high at the top,
>it has to be high at the bottom too. Can't have it both ways.

Sure it can. You created a mixture of two systems.

>Now lets take you at your word here and assume a halfwave grounded
>at the bottom does *not* then present a low impedance at the top.

You described the system Gary, but you fail to follow the criteria YOU
laid out. Since you want to talk about something other than shunt feed,
let me do that. My response was to the system you described. If you are no
longer talking about a shunt fed system, let me change the answer.

If fed at the top (ungrounded end) against a counterpoise of any sort, the
top of the vertical will be a low impedance. That low impedance will add
to the impedance of the counterpoise.

At the same time, since the base is grounded, it has to be a low
impedance. It has zero volts with respect to ground. When measured against
any counterpoise, it will add a very low impedance to the system.

>>>Childish comments deleted>>>>.

>Frankly, I believe that the bottom is also a high impedance from
>the only point of view that matters here, that of the currents on
>the conductor. Earth in and of itself has no particular impedance,
>high or low. It assumes whatever impedance is necessary to satisfy
>Z=E/I for the values of E and I measured across and along points
>in the mesh.

It has to be, by definition, a low impedance. At that point the antenna
and ground are in parallel. The antenna doesn't contribute anything at all
to the system. This is exactly why an UNGROUNDED half wave line feeding a
dipole divorces the common mode current from the feeder.

>The whole fallacy of your and Jack's argument has been this insistence
>on an absolute impedance for ground that is low. Impedances, like

voltages,
>are only relative to the two points across which they are measured. There
>aren't two points with Earth in between in this case, so we can say
nothing
>about the impedance of Earth from the POV of this circuit.

The earth (assuming we have made a good connection to it) is a low impedance. If you don't believe that, explain how we can feed a 1/4 wl vertical against earth. Explain why a 1/4 wl antenna fed against earth has HALF the impedance of a 1/4 wl antenna fed agaist a true image. Where is your "current mirror" in that example Gary?

73 Tom

762. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: lmckelp@aol.com
Message-ID: <4kngqa$6rk@newsbf02.news.aol.com>
Source record: 202763

In article <4khv35$6m2@news1.delphi.com>, KMAGLOUGHLIN@delphi.com writes:

> I am glad Motorola has allowed the overlap of band ranges because it
>allows me, as a user, the flexability to use first rate equipment and not
>experience the intermod and other problems that others, who run rice
powered
>equipment, constantly complain about.
>
>
>Kevin KA0JQO
>
>

You HAD to start some shit, didn't you? Bragging about your, um,
technical skills wasn't enough.

763. Re: cellular phones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <316F5214.59E2@pactitle.com>
Source record: 202764

John Lindsay wrote:
>
> Greeting all
>
> I have been given a cellular phone (brand name PUlsar - a Canadian tire
> Brand). It was manufactured by Modar Communications Inc. USA. The model is
> 12325.
> What I would like to know is - are there any mods (or key stroke sequences)
> that will nable me to use the phone as a scanner? Failing that, what mods
> would be necessary to change its operating frequency to the 900 meg ham band?
>
> Thanks
>
> John, ve3sjv@va3sed
>
> jclind@sentex.net

hehehehe....hehe
he
hehe
not much you can do...he
http://www.lookup.com/Homepages/65348/home.html
--
Dave Booth
kc6wfs

764. Johnson LTR radios for sale/trade

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: ki5bd@aol.com
Message-ID: <4knnsu$8h2@newsbf02.news.aol.com>
Source record: 202765

I have the following radios for sale or trade. All operate on the Johnson Clearchannel LTR trunking system.

Uniden FPS 820 TS handheld (the big one) with DTMF and APX114 rapid charger.
$175

Uniden FTS 800 TS trunk mount mobile with DTMF mic.
$200

E.F.Johnson 8870 trunk mount duplex phone/radio with TD7 paging feature.
$200

E.F.Johnson 8870 with Telephone Interface Module (allows the use of any standard telephone equipment). Great for remote locations where there is no standard phone service. It works like a standard wall jack and allows the use of multiple phones, fax machines, modems, cordless phones or alarm equipment.
$400

All of these units would require programming by your local E.F.Johnson LTR provider.

Add $20 each for shipping.

Will trade for All Mode Dual band 2m/70cm ham rig.

Resond by Email to : KI5BD@aol.com

765. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: tomb@lsid.hp.com
Message-ID: <4kmu2o$6s8@hpcvsnz.cv.hp.com>
Source record: 202766
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: We cannot directly measure a potential difference, we can only infer
: it indirectly by the charge displacements it causes.

Again agreeing with Gary on this, I'd repeat: you would have good company
if you believe that potential differences and the fields they imply
are simply mathematical models to explain the motion of charged particles
that we can actually observe. If you insist on thinking of a field or a
potential difference as "real," I have no trouble with that, but it
also doesn't bother me if you think of it only as a mathematical
abstraction that you use to explain the forces on the things (charged
particles) that we can see. But I do have a problem about "potentials
attracting" (or repelling) eachother. It's the charged particles
that interact with eachother through electrostatic and dynamic forces.

--
Cheers,
Tom
tomb@lsid.hp.com

766. AMP HOOK UP FOR IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: dd980@FreeNet.Carleton.CA
Message-ID: <4ko3vl$ojb@freenet-news.carleton.ca>
Source record: 202767

Any body out there running a amp with a 706? I need to hook up my AL 80
. Looks like you use pin 3 on the acc bot 20 ma isnt going to get it you
must have to find a light relay to switch with les than that. Any help
would be great.

767. For Sale:Two week old Yaesu FT10.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <Dpswyn.E84@cix.compulink.co.uk>
Source record: 202768

For Sale:Two week old Yaesu FT10.
Boxed with all the bits. This very compact 144.00~146Mhz FM handheld is
very compact, with the 6 button keypad option. Best offer secures.
Buyer collects from NW-London.
I would consider swapping/part-ex against a multimode TX/RX for 70cms/2/4
or 6m.

Steve, G7VFY
Tel 0956-544202

768. Re: ! Attention Software Authors !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: malezet@MicroNet.fr
Message-ID: <4ko91n$dj6@chleuasme.francenet.fr>
Source record: 202769
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radi

In article <NEWTNews.829091616.3336.amsoft@amsoft>, amsoft@epix.net says:
>
>
>ATTENTION AUTHORS OF AMATEUR RADIO, SWL, AND ELECTRONIC SOFTWARE!
>
>If your software is shareware, freeware or public domain, AmSoft
>would like to include your software in our publication of The
>World of Ham Radio CD-ROM. If you only have a commercial version
>you may want to think about a shareware version with registration.
>Most authors have had good returns on registrations from the first
>year of publishing thier software on this CD-ROM. If 50 users
>registered your program from our CD-ROM publication, what would that
>convert to in income for you? Please give this some thought and let
>us here at AmSoft know if you would like to publish your works on
>the AmSoft CD-ROM. If you decide to publish on our CD please
>upload your software to our FTP site and send me an E-Mail letter of
>authorization to publish your software on the AmSoft CD-ROM.
>
>NOTE: DEADLINE FOR NEXT CD-ROM IS APRIL 29, 1996
>
>The FTP site is HAMSTER.BUSINESS.UWO.CA directory /PUB/AMSOFT
>
>
>
>
I give you authorization to publish my software on the AmSoft CD-ROM.
The FTP site of this software is ftp.ucsd.edu
Directory :"/hamradio/packet/tcpip/incoming "
The name is CWMSTXRX.ZIP and CWMSTXRX.TXT

Jean-Pierre MALEZET F6FLV

769. Shack Cleanout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: rking0030@aol.com
Message-ID: <4koa77$blh@newsbf02.news.aol.com>
Source record: 202770

I have the following to get rid of:
Yeasu FTV-700 transverter. Turns yout FT-757 into an all mode radio.
Includes the 2 meter module. 440, and 6 meter modules are available. This
may work on other Yeasu models, but I'm not sure.
Comes with maunal, and works great! $250.00

Stone Mountains QSY'er. This hooks into a port on the rear of a FT-757,
and allows you to change freqs by using a touch-tone pad. This may work
with other Yeasu rigs, but the 757 is a definite. $25.00

Uniden President 2600, unmodified, with manual, and mod instructions.
$150.00

Email me here, or at ronnie.king@brent.ripco.com , or phone me at
708-489-0030.
Ronnie King, N9SJM
ronnie.king@f489.n115.z1.fidonet.org

770. Yaesu FT-8500 noise?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-1304960838150001@va-dyn29.iphase.com>
Source record: 202771

Recently got a new FT-8500 dual band mobile rig.

I've noticed a low-level high frequency audio noise in the background, particularly irritating if using a headset, but audible even from the internal speaker. This noise is present whether or not the squelch is broken and is unaffected by changing the volume control setting.

If using only the speaker, this is not too irritating, as the sound is directional, and would not be obtrusive in a noisy mobile setting. I'd guess it to be 8 kHz or so, and pretty consistent in tone.

Has anyone else observed anything like this? My FT-51R HT is dead quiet when the squelch is unbroken, and I'm thinking of sending the FT-8500 back, but if it is something characteristic of this model I'd like to know...

Otherwise, the radio is OK, comments on my signal have been very good, and the rig is remarkably compact and solid mechanically. The MH-39 mike is nice enough, although this radio has practically no controls besides power and freq otherwise. It has a small and fairly quiet two-speed cooling fan in the rear heat sink, thermostatically controlled. Display looks/works good.

BTW, you do not get the remote faceplate kit except as an option.

cheers,

Jerry Cupples
KC5SXA

771. Help with Heathkit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: cfb@novum.com
Message-ID: <Dpsysu.FIx.0.server@indra.com>
Source record: 202772

I need the schematic/manual for a Heathkit DF-1. I'll be happy to cover copying/postage.

Charles Bacon
cfb@novum.com

772. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4koeq0$cv2@newsbf02.news.aol.com>
Source record: 202773

In article <4knl7o$cbb@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>
>That would be ideal. However, it is much more difficult to achieve a
>good RF ground than most people realize. The best solution is still
>to prevent the current from flowing down the line in the first place.
>
>73,
>Jack WB3U

Charlie made a good point.

A correctly placed "ground" could help prevent current from flowing down the line in the first place. It doesn't need to be a perfect ground, or even a real good one. It does need to be properly placed.

This is commonly done at microwave.

Why are you guys wasting time arguing terms when the problem is with someone's concept of RF circuit behavior? This seems like a Mexican Hat dance, or a Snake dance around the real issue. It even snakes all over the newsgroups in four or five places at once, like that is necessary!

73 Tom

773. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: crow@ovnet.com
Message-ID: <4komm1$21d@news.mountain.net>
Source record: 202774
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

nrj@cdx.net (Rob M.) wrote:

>>Bob Clary (bobclary@baldcom.net) penned:
hey.., wasn't there a Bob Clary on "Hogan's Heroes????!!!" <<grin>>
crow@ovnet.com (Crow(Roger Wiseman))
#(:)o] | Mystie #15126

Guitarist | The Beatles are #1 !!!!! | Jeet Kune Do/Kung Fu stylist @)
"Love is the answer..." John Lennon
" Mind Games" ©1973 Lennon Music/ATV Music Corp./BMI

774. Re: How to setup an dual computerlink via radio. Is it possible ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: cheshire@ridgecrest.ca.us
Message-ID: <cheshire.127.0026946A@ridgecrest.ca.us>
Source record: 202775
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

In article <4ka50g$pc5@shore.shore.net> jjmartin@shore.net (JJ Martin) writes:
>From: jjmartin@shore.net (JJ Martin)
>Subject: Re: How to setup an dual computerlink via radio. Is it possible ?
>Date: Mon, 08 Apr 1996 07:32:17 GMT

>>moritz@ipers1.e-technik.uni-stuttgart.de wrote:
>>>
>>> Franky Noten <Franky.Noten@ping.be> wrote:
>>>
>>> >I would like to setup an link between 2 computers.
>>> >What's the maximum speed I can transmit on ?
>>>
>>> The speed of light.

>Then came the term VELOCITY FACTOR. Where velocity factor, "v", is
>expressed as a percentage by :

> v = 100c' / c

>where c' represents the speed of propogation in a particular
>substance, and c is the speed of light in a perfect vacuum. Both c'
>and c must be specified in the same units. -Amateur Radio Encyclopedia

>-73 de wk1v

GEEEEEZZZZZZ !!! all he asked was what time it was.....

775. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr13.183621.26025@ke4zv.atl.ga.us>
Source record: 202776

In article <4kklq5$t8e@news.pacifier.com> llg@pacifier.com (Lonnie) writes:
>Wow, I never thought that my original post would create so much
>information... What I'm really trying to get to is, I have a Kenwood
>TS-450SAT currently connected to a multiband inverted V antenna tuned
>for 20, 15, 20, and 40 meters. My station is located in a room on the
>second floor of my home. My space is limited for the antenna and want to
>have the most efficient station for the space and location I have. I
>haven't had any problem with RF in the shack even befor I added a
>ground. Since my first post I have added a ground stake and ran a 12
>gauge wire from the ground post of the radio to the ground stake. It's
>30' long. Now everything I've read says you need to have a ground wire
>as short as possible in order for it to work. In my case 30' is as short
>as I can go. This is why I was looking into the Artificial Gound. But it
>really didn't work as I expected it to. My feed line to the antenna is
>also 30' long. The antenna is mounted at the eve of the house and goes
>down at a 45 degree angle to the gound with the longest wire coming to
>with in 4 to 5 feet of the ground which then is connected to a insulator
>and guyed down with nylon rope. Things seem to work fine and I'm able
>to make contact with almost anyone I hear. But like others I want to be
>able to do the best I can with what I have.
>Does anyone have any suggestions on what I can do better, if indeed I
>need to.

Sorry, Lonnie, we have drifted far afield from answering your question.
As you can see, it's not as simple as it looks. But lets cut to the
bottom line here. Things worked fine at your station without a "ground"
connection. Things still work fine at your station with a "ground"
connection. And tuning the "ground" lead with a artificial "ground"
tuner makes no difference. Seems like in practical terms you have
answered your own question. You don't need a "ground", nor do you need
to "tune" it.

As to the reasons *why* that's true, well just follow along with
the theory part of the thread and perhaps that will become apparent.
Or perhaps it won't, so let me say that with a balanced and reasonably
well matched horizontal antenna, ground doesn't play a significant part
in the antenna's operation except that out in the far field it gives
reflection "gain" that will affect the takeoff angle of the main lobe.

That's important for Dx. A lower takeoff angle allows longer skip,
and hence greater Dx potential on a single hop path. (On a multiple
hop path too, but that becomes complicated by the scatter at the
landing zones.) Anyway, the best thing you can do to get a lower
angle of radiation is to get the antenna *higher*, further from
ground, because that will lower the angle the most (up to a point

anyway, there is such a thing as an antenna that's *too* high, few of us will have the luxury of finding out about that first hand).

If you *do* start to suffer from hot shack problems, don't mess around with "grounds", cure the problem at the source by using a choke balun at the antenna feedpoint to suppress the currents attempting to flow on the outside of the shield. And make sure your antenna and feedline form a symmetric arrangement between themselves and ground (or any other conductor). This physical balance will give you electrical balance that will reduce or eliminate any currents that may be induced on the feedline.

There is one, and one only, reason why you want a good effective Earth connection at your station. That reason is electrical safety. Lightning is a discharge of the electrostatic potential developed between cloud and Earth. You want to give that discharge a good low impedance path to Earth that doesn't include such conductors as the innards of your equipment, or *your* innards. Use an entrance bulkhead as a ground window, suppress *all* cables entering or leaving your station to that bulkhead, and connect it via the lowest inductance conductor you can directly to Earth.

That's everything you need to know about grounding your station. Now if you choose to feed an unbalanced antenna, like a long wire, or choose to work a vertical against Earth, there are other things you need to know about grounds. But those grounds need to be at the *feedpoint* of those antennas, and not at the station. (In the case of the long wire, that *can* be one and the same, however. I don't recomend you try feeding a long wire from your elevated location. That *can* become tricky, and you might have to resort to that artificial ground tuner to make it work.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

776. O-Scopes 100 Mhz 2-trace

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: zact@visi.net
Message-ID: <4koqtr$bvf@madrid.visi.net>
Source record: 202777
Cross-posted to: sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have for sale 3 each 100mhz O-scopes Dual trace no probes asking
$350.00 each.please email me zact@visi.net
Email me at zact@visi.net

777. Prog. O-Scope Cal.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: zact@visi.net
Message-ID: <4kor7d$bvf@madrid.visi.net>
Source record: 202778
Cross-posted to: sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

For sale (3) Programmable O-Scope Calibration units. Manufactured by
Ballentine Electronics. Model #6127A
Reply with an offer for each or all. (804) 498-6553, (804)340-7685

Email me at zact@visi.net

778. FS: O-Scope 100Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: zact@visi.net
Message-ID: <4kords$bvf@madrid.visi.net>
Source record: 202779
Cross-posted to: sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have for sale 3 each 100mhz O-scopes Dual trace no probes asking
$350.00 each.please email me zact@visi.net
Email me at zact@visi.net

Email me at zact@visi.net

779. Re: Combination cellphone, commercial 2-way radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: ndewitt@ais.net
Message-ID: <4kord5$ef@news.ais.net>
Source record: 202780

In article <4k6s0b$6qk@nonews.col.hp.com>, bobw@col.hp.com (Bob Witte) says:
>
>The other day, I'm reasonably sure I saw a radio that was
>a combination cellular telephone and commercial grade
>HT. I did not get a chance to find out the mfg or model.
>Can anyone confirm that this exists and point me to a
>manufacturer?
>
>Or maybe I was hallucinating again.
>
> Bob KB0CY
>
>Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE
>
The radio is made by Motorola I'm not sure on the model #. It is a
combination cell phone, Pager, and 800 or 900MHZ radio for commercial use.

Nate
ndewitt@ais.net

780. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: ranecurl@engin.umich.edu
Message-ID: <4kos30$70f@srvr1.engin.umich.edu>
Source record: 202781
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <1996Apr10.182937.9864@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>
>Except that Ben did say it better. He knew that only *charge*
>moves, and voltage is what moves it. I expanded on this in
>another post, complete with math. We cannot feel voltage,
>we can feel currents driven by a potential difference (voltage).
>We can't see voltage, we can only see the current flow (spark)
>caused by the potential difference. And we can't measure voltage,
>we can only infer its presence by measuring the current flow
>it causes through a meter movement. All we can directly sense is
>charge and its flow, just as we can sense a falling rock. We
>can *infer* that something is making it fall, in this case
>a gravitational potential, and infer the value of that potential
>by the acceleration of the rock, but we can't alter or move
>or measure the potential directly.

Gary, you are begging the question a bit. I could also say that
you can only feel the depolarization of the neurons caused by potential
differences across them caused by the current. You can also measure
voltage by measuring the distortion of piezoelectric substances, which
does not involve a steady current (though it does involve a displacement
current). We can also measure voltage by measuring the force between
to objects at different potentials, which is somewhat similar, and does
not involve measurement current. In regard to the rock - we can put
it on a balance and measure the force, so we do not have to measure
its movement.

Rane L. Curl N8REG

C
you cannot feel current, you can only feel the de

781. WTB Icom R-9000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: mentor@cin.net
Message-ID: <4kosd1$97f@news.cin.net>
Source record: 202782

I would like to buy an Icom R-9000, in mint or better conditon (non-smoker). Please contact me by e-mail or at (815) 939-2006 or (815) 939-9723. Would "rjone1" please contact me. Thanks very much!

Jim N9CXU

782. Re:FS: lots of tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jim@rio.com
Message-ID: <4korn2$2er@wave.rio.com>
Source record: 202783

Thanks to the many who have responded to my ad. I think my mailbox has overflowed. I have never gotten
such a response to an ad placed on the net and I have been buying/selling pro audio gear and musical instruments
for about a year.

Anyway here's a list of the tubes. Compiled and entered into my computer using every spare moment for two
days. I think I have developed the very worthwhile abilitly to identify a 6AL5 from as much as ten feet away.
As many of you suggested, I have marked the tubes that were in matching boxes as NIB (new in box) all others
as used. One of the tube caddys is in excellent shape, it is labeled Pacemaker. the other one is water damaged
and virtually useless. I will try to send this list to individuals who responded.

If you want to buy the whole lot (not pieces) either e-mail me or call me at 541-687-8823.

I must say that I had no idea that the old tubes were worth much. I couldn't throw them out cause they
represented so much of my dad's history. I used to go up on the hill with him and adjust the antennas for the
cable feed when I was 6.

thanks for all your interest, Jim
The last entry is end

1 0B2 NIB RCA
1 0Z4 USED SYL
1 117Z3 USED RCA
1 12AT6 NIB MOT
1 12AT7 USED ?
1 12AT7 USED GE
1 12AT7 USED GE
1 12AT7 USED GE
1 12AU6 NIB RCA
1 12AU6 USED RCA
1 12AU7 NIB CH MAST
1 12AU7 NIB SYL
1 12AU7 NIB SYL
1 12AU7 NIB SYL
1 12AU7 USED ADMIRAL
1 12AU7 USED KEN RAD
4 12AU7 USED RCA
1 12AU7 USED SYL
1 12AU7A NIB SYL

1 12AU7A USED TUNG
1 12AU7A USED TUNG
1 12AV6 NIB MOT
1 12AX4 USED RAY
1 12AX4GTA NIB SYL
1 12AX4GTA NIB SYL
1 12AX4GTB USED TUNG
1 12BA6 USED NEC
1 12BA6 USED NEC
1 12BA6 USED RCA
1 12BA6 USED RCA
1 12BA7 NIB RCA
1 12BE6 USED SYL
1 12BH7 USED GE
1 12BH7A NIB WEST
1 12BH7A USED RCA
1 12BH7A USED SYL
1 12BK5 USED ?
1 12BQ6GTA USED SYL
1 12BV7 NIB SYL
1 12BY7 NIB SYL
1 12BY7 USED RCA
1 12BY7A NIB RAY
1 12BY7A NIB SYL
1 12BY7A USED ?
1 12BY7A USED ?
1 12CU5 NIB RCA
1 12DA6B USED RCA
1 12DO? USED RCA
1 12DQ6 USED ?
1 12ED5 NIB SYL
1 12GN7A NIB SYL
1 12GN7A NIB SYL
1 12JF5 NIB SYL
1 12SN7 NIB SYL
1 12SQ7 NIB HYTRON
1 12SQ7 USED HYTRON
1 12W6GT USED TUNG
1 13J10/13Z110 NIB SYL
1 14GT8 USED ?
1 15KY8 USED RCA
1 1733GT USED RCA
1 17B53A USED RCA
1 17C9 NIB SYL
1 17C9 USED RCA
1 17KV6 NIB SYL
1 18FX6A NIB SYL
1 18FX6A USED RAY
1 1AX2 NIB SYL
1 1AX2 NIB SYL

1 1B3 USED RCA
1 1B3GT NIB ADMIRAL
1 1B3GT NIB ZALY
1 1L6 NIB SYL
1 1R5 USED MOT
1 1S5 NIB TUNG
1 1U4 NIB TUNG
1 1V2 NIB RAY
1 1X2A USED ADMIRAL
1 1X2A/1X2B NIB PHIL
1 1X2B NIB SYL
1 1X2B USED RCA
1 1X2B USED RCA
1 21LG6 NIB SYL
1 25BQ6 NIB SYL
1 25L6GT NIB SYL
1 25L6GT USED ZALY
1 27GB5 USED ?
1 2AV2 NIB RCA
1 2AV2 NIB SYL
1 2CY5 NIB SYL
1 2D2I USED GE
1 2FS5 USED ?
1 35B5 USED ?
1 35C5 USED RCA
1 35W4 NIB GM/DELCO
1 35W4 NIB SYL
1 35W4 USED RCA
1 35W4 USED ZEN
1 3A3C USED RCA
1 3AT2A USED GE
1 3AW2 NIB SYL
1 3B4 USED HYTRN
1 3BN6 USED TUNG
1 3BU8 NIB SYL
1 3BW2 NIB SYL
1 3BY6 NIB SYL
1 3BZ6 USED ?
1 3BZ6 USED RCA
1 3BZ6 USED SYL
1 3CB6 USED RCA
1 3CB6 USED SYL
1 3DF3 USED ?
1 3DK6 USED ?
1 3DT6 NIB SYL
1 3JC6 NIB SYL
1 4BQ7A USED RAY
1 4CB6 NIB RAY
1 4CS6 NIB RCA
1 50B5 USED ?

1 50L6GT NIB SYL
1 5AM8 NIB RAY
1 5AM8 USED ?
1 5AU8 NIB SYL
1 5CQ8 NIB SYL
2 5OC5 NIB SYL
1 5OL6 NIB HYTRON
1 5T8 NIB CBS
1 5T8 NIB MOT
1 5U4 NIB RCA
1 5U4GB USED ?
1 5U4GB USED RAD TEL
1 5U4GB USED RCA
1 5U4GB USED SYL
1 5U4GB USED TUNG
1 5U8 USED ?
1 5U8 USED ?
1 5U8 USED WEST
1 5V4 USED RCA
1 5V4G USED PHILCO
1 5V4G USED RCA
1 5V4GA NIB RCA
1 5V4GA NIB SYL
1 5W4GT USED KEN RAD
1 5Y3GT NIB RCA
1 5Y3GT USED GE
1 5Y4 USED RCA
1 5Z3 USED GE
1 5Z4 USED ?
1 6AB4 NIB SYL
1 6AB4 NIB SYL
1 6AB4 NIB SYL
1 6AB4 NIB SYL
1 6AB4 USED GE
1 6AC7 NIB RCA
1 6AC7 USED RCA
1 6AC7 USED RCA
1 6AC7 USED TUNG
1 6AD10 USED ?
1 6AD3 USED ADMIRAL
1 6AF3 NIB MOT
1 6AF9 NIB RCA
1 6AG5 NIB GE
1 6AG5 NIB MOT
4 6AG5 NIB RCA
1 6AG5 NIB SYL
1 6AG5 USED ?
1 6AG5 USED GE
1 6AG7 NIB RCA
1 6AH6 NIB RCA

1 6AK5 NIB RCA
6 6AL5 NIB RCA
1 6AL5 USED ?
1 6AL5 USED CROSLEY
1 6AL5 USED GE
1 6AL5 USED GE
1 6AL5 USED HYTRON
1 6AL5 USED RCA
1 6AL5 USED SYL
1 6AL5 USED SYL
1 6AL5 USED TUNG
1 6AL5 USED SYL
1 6AL5W/5726 USED CBS
1 6AN6 USED RAY
1 6AN8 NIB RAY
1 6AN8A NIB SYL
1 6AQ5 NIB RCA
1 6AQ6 NIB RAY
1 6AS5 USED SYL
1 6AS8 USED TUNG
1 6AT6 NIB RCA
1 6AT6 USED ?
1 6AT8 NIB SYL
2 6AU 5GT NIB RCA
1 6AU6 NIB RCA
3 6AU6 NIB SYL
4 6AU6 USED ?
1 6AU6 USED CROSLEY
1 6AU6 USED MAJESTIC
1 6AU6 USED MAJESTIC
1 6AU6 USED RAY
3 6AU6 USED RCA
1 6AU6 USED SYL
1 6AU6 USED SYL
1 6AU6 USED TUNG`
1 6AU6WA USED GE
1 6AV6 USED CROSLEY
1 6AV6 USED RCA
1 6AX4GT USED ZEN
1 6AX4GTB NIB GE
1 6AX5GT NIB SYL
1 6B6GA NIB GE
1 6BA11 NIB SYL
1 6BA6 NIB RCA
1 6BA6 USED ?
1 6BA6 USED ?
1 6BA6 USED CUNNINGHAM
1 6BA6 USED GE
1 6BA6 USED kEN RAD
1 6BA6 USED KEN RAD

1 6BA6 USED RCA
1 6BA7 NIB RCA
1 6BC5 NIB TUNG
3 6BC5 USED ?
1 6BC5 USED TUNG
1 6BF5 NIB RCA
1 6BH11 NIB SYL
1 6BK4/6EL4A USED SYL
1 6BK5 NIB RAY
1 6BL7GTA NIB SYL
1 6BL8 USED MOT
1 6BN11 NIB RCA
1 6BQ6GT NIB SYL
1 6BQ7 NIB IEC
1 6BQ7 NIB SYL
1 6BR8A USED SYL
1 6BX7GT NIB GE
1 6BX7GT NIB SYL
1 6BY8 NIB SYL
1 6BZ6 USED ?
1 6BZ7 USED ?
1 6BZ7 USED SYL
1 6BZ8 NIB RCA
1 6BZ8 NIB TUNG
1 6C4 USED CROSLEY
1 6C4 USED MAJESTIC
1 6C4 USED RCA
1 6C5 USED ?
1 6C7 NIB CBS
1 6CA4 NIB MULLARD
1 6CB6 NIB SYL
1 6CB6 USED ?
1 6CB6 USED MAJESTIC
1 6CB6 USED PACKARD
1 6CB6 USED RCA
1 6CB6A NIB SYL
1 6CB6A USED SYL
1 6CB6A` USED RCA
1 6CD6GA NIB TUNG
1 6CE5 USED GE
1 6CF6 USED RCA
1 6CG3 USED ADMIRAL
1 6CG7 NIB RAY
1 6CG7 USED GE
1 6CG8A NIB SYL
1 6CG8A NIB SYL
1 6CG8A NIB SYL
1 6CL3` NIB RCA
1 6CL6 NIB ARVIN (?)
1 6CL6 NIB RCA

1 6CL6 NIB TUNG
1 6CQ8 NIB TUNG
1 6CQ8 USED ?
1 6CS6 USED ?
1 6CS7 NIB SYL
1 6CU5 NIB SYL
1 6CU5 NIB SYL
1 6CU8 USED ?
1 6CU8 USED GE
1 6CY5 USED SELECT
1 6CY5 USED SYL
1 6DJ8 NIB AMPEREX
1 6DJ8 NIB AMPEREX
1 6DJ8 NIB AMPEREX
1 6DJ8/ECC88 NIB AMPEREX
1 6DT6 NIB MOT
1 6DW4 NIB SYL
1 6DX8/ECL84 NIB SYL
1 6EH7 USED GE
1 6EJ7/EF184 NIB RAY
1 6EN4 USED ?
1 6EN4 USED GE
1 6ES8 NIB SYL
1 6EW6 USED ADMIRAL
1 6F5 USED RCA
1 6FA8 USED GE
1 6FM7 NIB TRIAD
1 6FM8 NIB SYL
1 6GC5 USED MAGNAVX
1 6GE5 USED ?
1 6GE5 USED COMP
1 6GH8A NIB RCA
1 6GH8A USED RCA
1 6GJ7/ECG801 NIB SYL
1 6GK5 USED GE
1 6GU7 NIB RAY
1 6GU7 USED PHILCO
1 6GW6 NIB SYL
1 6H6 NIB RCA
1 6HA5 NIB SYL
1 6HF5 USED ZEN
1 6J6 NIB SYL
1 6J6 USED ?
1 6J6 USED MOT
1 6J6 USED SYL
1 6J6A NIB SYL
1 6J6A NIB WEST
1 6JD6 USED ADMIRAL
1 6JE6C/6LQ6 USED SYL
1 6JW8 NIB RCA

1 6JW8 USED ADMIRAL
1 6K6GT NIB RCA
1 6K6GT NIB SYL
1 6K6GT NIB SYL
1 6K6GT USED KEN RAD
1 6K6GT USED PHILCO
1 6KD6 USED ADMIRAL
1 6KG6A USED ?
1 6L7 NIB GE
1 6LE8 NIB RCA
1 6LE8 NIB SYL
1 6LE8 USED ADMIRAL
1 6LE8 USED RCA
1 6LJ8 NIB SYL
1 6LU8 USED DUMONT
1 6M11 NIB SYL
1 6ME6 USED RCA
1 6N6 USED PHILCO
1 6N7GT NIB RCA
1 6S4 USED ?
1 6S4A NIB SYL
1 6S4A NIB SYL
1 6S4A USED ?
1 6S4A USED RCA
1 6S4A USED SYL
1 6SA7 NIB RCA
1 6SH7 USED KEN RAD
1 6SK7 NIB RCA
1 6SL7GT NIB RCA
1 6SL7GT USED RAY
1 6SN7 USED RCA
1 6SN7GT NIB SYL
1 6SN7GT USED` RCA
1 6SN7GTB NIB CH MAST
1 6SN7GTB NIB SYL
1 6SN7GTB USED RCA
1 6SN7GTB USED TUNG
1 6SN7GTB USED WEST
1 6SQ7 NIB RCA
1 6SQ7 USED GE
1 6T8 USED ?
1 6T8A USED ?
1 6T8A USED MOT
1 6T8A USED SYL
1 6U8A USED SYL
1 6UBA(?) USED TUNG
1 6V6 USED ?
1 6V6 USED PHILCO
1 6V6 USED RELIABLE
1 6V6GT USED TUNG

1 6W4GT NIB SYL
1 6W4GT NIB SYL
1 6W4GT NIB TUNG
1 6W4GT NIB TUNG
1 6W4GT USED RCA
1 6W4GT USED RCA
1 6W4GT USED TUNG
1 6X4 NIB GE
1 6X4 NIB RCA
1 6X4 NIB RCA
1 6X4 NIB SYL
1 6X5 USED KEN RAD
1 6X5G USED PHIL
1 6X8 NIB RCA
1 6X8 NIB SYL
1 6X8 USED RCA
1 7B7 NIB RCA
1 7B7 NIB RCA
1 8AW8A NIB RAY
1 688 NIB SYL
1 3223 USED TUNG
1 5963 USED RCA
ENDENDENDENDENDEND

783. FS:100 Mhz O-Scope Dual Trace

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: zact@visi.net
Message-ID: <4kosla$c28@madrid.visi.net>
Source record: 202784
Cross-posted to:
misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

```
5 Kikusui COS6100M 100 Mhz, 5-Channel Portable Oscilloscopes. Has up
to
12 traces. 5mv to 5V per division (1 mv with magnifier), 2% accuracy.
Extrememly light (only 21 pounds). Trigger lock allows for stable,
automatic triggering. Can display several lissajous patterns at once.
Meets military specifications. Great scopes, excellent condition.
$350.00 each. Please call Jon Friedman at (804) 340-7685 for more
info.or e-mail zact@visi.net
Email me at zact@visi.net
```

784. FS: O-Scope 100Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: zact@visi.net
Message-ID: <4koslu$c28@madrid.visi.net>
Source record: 202785
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have for sale 3 each 100mhz O-scopes Dual trace no probes asking
$350.00 each.please email me zact@visi.net
Email me at zact@visi.net

Email me at zact@visi.net

785. Prog. O-Scope Cal.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: zact@visi.net
Message-ID: <4kosmi$c28@madrid.visi.net>
Source record: 202786
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

For sale (3) Programmable O-Scope Calibration units. Manufactured by
Ballentine Electronics. Model #6127A
Reply with an offer for each or all. (804) 498-6553, (804)340-7685

Email me at zact@visi.net

786. FS:Microwave Freq. Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: zact@visi.net
Message-ID: <4kostv$c28@madrid.visi.net>
Source record: 202787
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

```
for sale EIP model 545 Microwave Frequency Counter 10Hz upto 18 Ghz
reply with best offer $$$$ for more info call (804) 340-7685 or e-mail
zact@visi.net
Email me at zact@visi.net
```

787. FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: zact@visi.net
Message-ID: <4kota9$c2o@madrid.visi.net>
Source record: 202788
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have a Polarad Microwave signal generator New in the box with
manuals & probes. will sell to first best offer $$$ call John at (804)
340-7685 or e-mail zact@visi.net
Email me at zact@visi.net

788. For Sale: GE Masterpro Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: sterman <sterman@rain.org>
Message-ID: <316FF891.8DC@rain.org>
Source record: 202789
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

```
For Sale:
GE MasterPro Repeater
Direct your questions or make offers via Email to:
Sterling <sterman@rain.org>
```

789. Re: Yaesu FT-8500 noise?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4koul7$1o28@news-s01.ny.us.ibm.net>
Source record: 202790

In <jcupples-1304960838150001@va-dyn29.iphase.com>, jcupples@iphase.com (Jerry Cupples) writes:
>Recently got a new FT-8500 dual band mobile rig.
>
>I've noticed a low-level high frequency audio noise in the background,
>particularly irritating if using a headset, but audible even from the
>internal speaker. This noise is present whether or not the squelch is
>broken and is unaffected by changing the volume control setting.
>
>If using only the speaker, this is not too irritating, as the sound is
>directional, and would not be obtrusive in a noisy mobile setting. I'd
>guess it to be 8 kHz or so, and pretty consistent in tone.
>
>Has anyone else observed anything like this? My FT-51R HT is dead quiet
>when the squelch is unbroken, and I'm thinking of sending the FT-8500
>back, but if it is something characteristic of this model I'd like to
>know...
>
>Otherwise, the radio is OK, comments on my signal have been very good, and
>the rig is remarkably compact and solid mechanically. The MH-39 mike is
>nice enough, although this radio has practically no controls besides power
>and freq otherwise. It has a small and fairly quiet two-speed cooling fan
>in the rear heat sink, thermostatically controlled. Display looks/works
>good.
>
>BTW, you do not get the remote faceplate kit except as an option.
>
>cheers,
>
>Jerry Cupples
>KC5SXA

I haven't experienced the noise you have mentioned, but I get audio feedback if I turn the UHF volume up past 3/4. It's a pain, but certainly acceptable.
If you don't like the mic, I suggest purchasing the FS-10 Smart Controller, jit looks weird, is a bit awkward to use at first, but easy to navigate the rigs features once you get used to it!

Steve W.
N2RWE

790. WTB IC 745

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4kovas$2cf@news.usit.net>
Source record: 202791
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

I am looking for a clean, non-smoker Icom 745. Please e-mail
sfritts@usit.net

Thanks, Steve WA4GZE

791. Re: AMP HOOK UP FOR IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kovim$i7p@newsbf02.news.aol.com>
Source record: 202792

In article <4ko3vl$ojb@freenet-news.carleton.ca>,
dd980@FreeNet.Carleton.CA (Russ Rinckey) writes:

>
>Any body out there running a amp with a 706? I need to hook up my AL 80
>. Looks like you use pin 3 on the acc bot 20 ma isnt going to get it you
>must have to find a light relay to switch with les than that. Any help
>would be great.
>
>

Ameritron has an interface switch that is solid state.

73 Tom

792. Re: Problem with Icom 751A CW carrier drift

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4kovcn$lhp@news.halcyon.com>
Source record: 202793

AA9IS <tbrock@execpc.com> wrote:

>Mat Eshpeter <mat@clearnet.com> wrote:
>>I have noticed that the carrier transmitted by
>>my Icom 751A in CW mode will drift just after
>>I have begun sending a "block" or group of
>>characters.
This may be some help

Gary

Most Common Failures and Cures for the Icom IC-751 & IC-751A

*Unless otherwise noted, the following failures and cures apply to both models.

Symptom: Distorted, or no RX/TX on one or more bands. Problem may be temperature related.
Probable Causes: 1) Bad trimmer capacitors on PLL unit. 2) Noisy variable resistor on PLL unit.
Cure: Replace plastic trimmer capacitors C78, C88, C97, and C107 with ceramic types. Remove excessive wax from around replacement trimmers to prevent wax contamination. We suggest using a 12pf trimmer for C97 instead of a 7pf as listed in the service manual. This will allow you to properly adjust the HPL lock voltage for that band.
Modification: If variable resistor R43 on the PLL unit is the 470 ohm type, replace it with a fixed-value 220 ohm version. If it's the 2.2k type, replace it with a fixed-value 1.2k resistor.
Remarks: While the PLL unit is lifted, we recommend soldering all joints in the regulator section as this area runs hot. Also, inspect electrolytic capacitors C128, C129, C132, and C137 in the regulator circuit for discoloration caused by overheating. Replace all overheated capacitors to prevent future failures.

Symptom: Erratic display i.e., frequency listed will be out of the normal operating range of the radio. Rotating the VFO knob may cause strange characters to appear in the display. Radio does not work properly. Cycling the power switch a few times may restore operation temporarily. Problem may be temperature related.
Probable Causes: 1) Cracked solder on RAM unit is causing logic errors. 2) Program in RAM unit is corrupted. 3) Burned/overheated R20 on logic unit is causing low voltage

in logic unit.
Cure: Check for burned R20 (10 ohm, 1/2 watt) on logic unit. If it looks OK, resolder cracked joints at J1 and J2 connectors on RAM unit, then reprogram. If this does not help, substitute RAM unit with a known good one. If the substitute RAM unit works properly, then the RAM unit must be replaced. If the substitute RAM unit does not cure the problem, there may be noise from the DC-DC converter causing the logic unit to glitch. Follow instructions for "No frequency display" problem.

Symptom: No RX audio in any mode except FM. No TX. Unit is not unlocked.
Probable Cause: PBT oscillator is not running.
Cure: Verify absence of 9.4665 signal at W86 on main unit in 751A, or W134 in the IC-751. Replace faulty X7 on main unit in IC-751A, or X5 in the IC-751.

Symptom: Frequency instability in USB mode.
Probable Cause: Bad trimmer capacitor in BFO section on main unit.
Cure: Replace plastic trimmer capacitor with a 30pf ceramic version and realign.

Symptom: Drastic change in audio frequency response between USB and LSB., i.e. USB audio has too much bass while LSB audio has too much treble. TX frequency response is also poor.
Probable Causes: Misadjustment of the BFO or PBT oscillator, or a faulty crystal filter FL-30 (or FL-80 in 751A) on the main unit.
Cure: Check adjustment of the BFO and PBT oscillator. If these are OK, then the problem is most likely in the filter.
Remarks: If the problem is intermittent, and the radio is an IC-751 (not "A" version), then the ground return path for the -5 supply between the display and main units may be poor. To cure this, connect a short wire jumper between the unused pin 2 at J2 on the display unit and chassis ground at the closest mounting screw of the main unit PCB. If no spare pin is handy for the connector at J2, the jumper may be soldered to the transformer shield of T1 instead.

Symptom: AC hum or buzz in transmit and receive audio when an internal power supply is installed.
Probable Cause: AC in being induced into the PLL from the AC wires and power supply case.
Cure: Twist the AC wires that run from the rear panel to the power switch and route them away from the PLL unit. Tape them up against the chassis if necessary.
Remarks: In some radios, especially older IC-751s, it is not possible to completely eliminate all AC hum when using

the internal power supply.

Symptom: No, or very low RX sensitivity.
Probable Cause: Bad components on RF unit, probable result of RF overload. To verify this, check DC voltages at D47 on RF unit. Correct voltages are: Cathode side- RX: 8.5, TX: 13.8. Anode side- RX: 9.0, TX: 9.5.
Cure: Replace all of these components on the RF unit: D42, D44, D45, D46, D47, Q15. Check C174 and C179 for leakiness. There may be other failures. Unit is not repaired until listed voltages at D47 are correct.

Symptom: Distorted RX on strong signals. BC band RX sensitivity may be low or marginal.
Probable Cause: Q15 on the RF unit has become leaky.
Cure: Check and replace Q15. If Q15 is leaky, there may be other problems on the RF unit. See cure for RX problem listed above.

Symptom: RX disappears when outer conductor of coax is connected to antenna jack. Inspection reveals 6 volts DC at the center conductor of the antenna jack.
Probable Cause: Shorted DC-blocking capacitor C40 on the ANT SW unit.
Cure: Replace the capacitor.
Remarks: There are probably other problems on the RF unit if this capacitor is bad. Check the voltages at D47 on the RF unit. Radio may have been struck by lightning or sustained a large RF overload through the antenna jack.

Symptom: RX cuts out randomly when turning VFO knob in IC-751A with UX-14 installed.
Probable Cause: Incompatibility between UX-14 and 751A is causing the PLL to unlock.
Cure: Turn off transceive mode on UX-14 (bank S1, switch #3 to OFF position)

Symptom: Hash noise in RX, birdies.
Probable Causes: 1) Voltage regulators on PLL unit are oscillating, producing noise on VCC line. 2) Overheated components and/or loose screws are causing the power supply to run noisy. 3) Noisy DC-DC converter on display unit.
Cure: Replace overheated C129, C129, C132 and C137 regulator filter capacitors on PLL unit. Inspect power supply for overheated components and replace them as needed. If the components look OK, tighten the screws that hold down the reg. unit. Don't forget to tighten the screw hidden beneath the wire bundle where the DC output lines leave the case. If none of these help, and radio is a IC-751 (not A version), then the display DC-DC converter may need modification. Contact Icom Technical support for update information.

Symptom: No receiver audio at all in IC-751A. Signals can be seen on S-meter.
Probable Cause: Cracked joint on main unit is causing no VCC the audio amp IC.
Cure: Resolder cracked joint at L46 on main unit. Repair damaged foil trace, if necessary. Re-route ferrite beads so they will not press down on L46 (or any other components) when the top cover is reinstalled.

Symptom: RX audio seems low in IC-751.
Probable Cause: Unit needs update to audio amp circuitry on main unit.
Cure: Contact Icom Technical Support for update bulletin.

Symptom: No TX output in all modes. Problem is traced to no output at J8 on the RF unit.
Probable Cause: Bad Q14 amplifier on RF unit.
Cure: Replace Q14. There may be other problems on the RF unit. Check the DC voltages at D47.

Symptom: Distorted/raspy-sounding SSB TX. Average talk power is low, even at higher mic gain levels. CW, RTTY and FM seem normal. RX in all modes is OK.
Probable Causes: 1) External Astron power supply needs additional RF decoupling. 2) No bias voltage to driver or PA transistors..
Cure: Install RF decoupling capacitors on Astron power supply (if used). If this does not help, measure voltage at bases of driver and PA transistors in TX SSB mode. Should be around .67 volts. O volts indicates trouble and probably a bad Q6. If problem is intermittent, check for bad solder at the legs of Q6, or D2.
Remarks: The driver and PA idle current was set too high at the factory in some IC-751s. (not A version). Align the idle current as per the service manual after repairs are made.

Symptom: When using an internal power supply, the power to the radio flutters on and off when the TX power output is increased toward maximum. Unit runs fine when the internal power supply is substituted with an external supply.
Probable Cause: Cracked solder in the current-sensing circuit of the power supply is shutting it down prematurely.
Cure: Resolder joints at the .0012 ohm resistor, R26 inside the power supply.
Remarks: This resistor appears as a metal bar soldered to the bottom PC board. Solder the edges of the bar BEFORE the holes at either end.

Symptom: TX oscillations/spurious output.
Probable Causes: 1) Open resistor or faulty electrolytic capacitors on PA unit. 2) PA unit needs modification. 3) Bad drivers or PA transistors. 4) Burned components on the

ANT SW unit.
Cure: Check the value of R22 (4.7 ohms) on PA unit. (This resistor may look OK but still be open.) Replace C18 and C25 on the PA unit if they appear swollen or overheated. Modification for old IC-751: Install a metal film, 220-ohm 1/2 watt resistor parallel to C6 on PA unit if there isn't one installed already. Inspect the D4 area of the ANT SW unit and replace any burned components. If none of these solutions solve the problem, disconnect the J10 on the RF unit and see if the problem goes away. If it does, then there is a problem with the TX/RX switching on the RF unit. If disconnecting J10 doesn't help, then most likely either the drivers or PA transistors are bad, especially if the ALC meter deflection is low.
Remarks: The spurious output may also be caused by incorrect band switch voltage to the low-pass filter unit, or even faulty/burned components on the filter unit itself. The above causes should be ruled out first since low-pass filter failures are uncommon in the IC-751(A).

Symptom: Intermittent low FM TX output power in IC-751.
Probable Cause: Bad relay RL1 on FM unit.
Cure: Replace bad RL1 (221B-D009-M)

Symptom: No TX output at all in RTTY or CW modes. SSB and AM are OK.
Probable Cause: Bad carrier generator crystal on main unit.
Cure: Replace bad X1 on main unit.

Symptom: No frequency display, only decimal points. Problem may be intermittent or temperature related.
Probable Cause: Display DC-DC converter has noisy output.
Cure: Replace all of the following dried-out electrolytic capacitors on the display unit: C17, C18, C20, C21, C22, C23, C24, and C25. (These capacitors are light yellow when they are new. Capacitors that have turned brown are old and dried-out.)
Remarks: While servicing the DC-DC converter section, be on the look out for cracked solder joints, as this section of the radio tends to run hot. Also, it would be a good idea to reprogram the RAM card after servicing the DC-DC section.

Symptom: Poor carrier suppression in SSB mode in IC-751. Will not adjust properly.
Probable Cause: Main unit needs factory update.
Cure: Contact Icom Technical Support for update bulletin.

Symptom: Low garbled audio sound in speaker/headphones in SSB TX, even with monitor turned off.
Probable Causes: RF feedback. 1) Inadequate station ground. 2) External Astron supply needs RF decoupling. 3) Main unit needs factory update (IC-751 only).

Cure: Check station ground. If an Astron power supply is being used, add RF decoupling capacitors to output terminals to prevent regulation problems. If the problem occurs in an IC-751, a factory update may need to be installed to the main unit. Contact Icom Technical Support for this information.

Symptom: Radio seems to be stuck in "scan" mode.
Probable Cause: Bad IC2 on the logic unit.
Cure: Replace IC2 (RP5G01-007).

Symptom: Loud, high pitched squeal emanates from inside radio.
Probable Cause: DC-DC converter transformer has a loose core.
Cure: Replace T1 (TO-9) on the display unit.

Symptom: VFO tuning is erratic, sometimes skips when changing frequencies or bands. Display does not increment smoothly when VFO knob is turned slowly.
Probable Cause: Dirty rotary encoder.
Cure: Remove white plastic cover from back of rotary encoder and spray clean the carbon track with Blue Showers solvent. Spin VFO knob vigorously while spraying.
Remarks: Do not let solvent saturate the display unit or allow it to come into contact with the plastic display lens. Stuff a paper towel between the rotary encoder and display unit to catch spray run-off.

Symptom: Missing segments or mode indicators on display. Problem may be intermittent.
Probable Cause: Bad connection between logic and display units.
Cure: Check the connectors J5 and J13 on the logic unit where the flex cables to the display unit are attached. If they look OK, and none of their connector spring contacts flattened, replace the flex cables.

Symptom: Low mic gain when using Heil mic element.
Cure: Install modification: In 751, change value of R264 on main unit to 200k. In 751A, change value of R21 on AF-VR unit to 47k.

793. Re: cellular phones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: peterg4@ibm.net
Message-ID: <4kp0mq$1tau@news-s01.ny.us.ibm.net>
Source record: 202794

In <bpaul-1204961813520001@wpaul-mac.qualcomm.com>, bpaul@qualcomm.com (Bill Paul) writes:
>In article <4km1j1$k3n@granite.sentex.net>, jclind@sentex.net wrote:
>
>Somebody should write an FAQ on what you could do with an old cell phone.
>It would be really short or really comical.

I think a FAQ would be a good idea and I think it would be neither short nor
comical.

>Anyway, I can alsmost gaurantee there are no keyboard mods to do anything
>with a cell phone besides make cell phone calls. The company that wrote
>the code in the phone probably wouldn't want to spend hundreds of extra
>man hours on a 'hidden' feature' that has no additional benefit to their
>end users.

There are test modes that are useful. For example, to load non-standard values
to the PLL's and to force transmit. You could change a ref xtal and force xmit
to see what you have accomplished (xmit pwr, freq).

Remember, the duplexer will probably have to be removed and a T/R relay
or PIN diode switch installed.

>As far as your other mods, the chances of modifying the phone to work
>900Mhz are pretty slim as well.
>
>Big problem #1: The phone's RF section will be optimized to transmit on
>824 - 849 MHz. If it could be re-tuned to a higher frequency, it would be
>a very poor performer in the 900 MHz amateur band. You would be better off
>building your own RF section.

Do you know this for a fact or are you simply guessing? Are you giving up
before you start???

>Big problem #2: There is probably a PLL controlled by a microprocessor
>that you will have to reprogram. That is assuming it runs code from an
>PROM that you can remove and reprogram. It may have One Time Programmable
>(OTP) memory built in the processor, so you can pretty much toss that CPU
>in the trash, and redesign the entire digital section around another CPU
>that you can program yourself (not an easy task -don't forget about the SW
>engineer that would need a couple of hundred hours just to add your
>scanner function)

Of course there is a PLL controlled by a micro. Any yes, you will have to
completely toss the code and do a complete rewrite. But you can salvage
many subroutines from the old eprom!

Step 1

Identify the controlling micro and get it's data book which has the instruction set.

Step 2

Get a disassembler for that micro (available from many mfgr's BBS systems and also as frreeware). Disassemble the eprom.

Step 3

Identify as many similarities in subroutines as you can. Get the book "Mobile Cellular Telecommunications Systems" by William C.Y. Lee, ISBN 0-07-037030-3, McGraw-Hill. Identify which subrs are for writing to the display, which are for eeprom, and which are for keypad data scanning and handling.

Step 4

Make a new eprom with very basic functioning - I suggest trying to get the keypad to write to the display - to test how far you have understood things. Remember to disable all the checksum and radio health lockouts.

Step 5

Play until it does what you want. Remember most of the code is for handling the cellular AMPS protocols and is not necessary for ham radio usage.

>
>Big problem #3: The display -Assuming you want some useful information on
>the display like what frequency you're listening to, you'll have to
>understand how to program or control the display. LCDs typically have
>there own little controller with it's own command language. You'll need
>information on that)not easy either -you probably stand a better chance
>on getting photo's f alien from the white house then info on a propietary
>LCD!)

My experience says otherwise. Most of the controllers I have seen are very similar to the Hitachi one. And all have available data sheets describing in excruciating detail how to use them.

>I could keep going with more gory details, but I think you get the point.

I don't get the point. To modify a cell phone to do ANYTHING different is an unbelievable learning experience in microcontrollers and equipment design. The time you spend may be better spent if all you want is a quick radio, but cannot be beat for pure satisfaction and learning.

..Peter

PS, yes, I have done this.

794. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kp6oh$s93@crash.microserve.net>
Source record: 202795
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

>jackl@pinetree.microserve.com (WB3U) writes:
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>>What you've missed is that current drawn from those two poles is
>>forced to be equal and opposite by the inherent nature of the fields
>>inside the coax. Therefore, regardless of the load at the far end
>>of the coax, the load seen by the transmitter itself is *always*
>>balanced at both poles. Nothing is attempting to draw more current
>>from one pole than the other, therefore there is no need for any
>>"return" current in order to balance the transmitter. **This
>>condition is satisfied whenever coax is attached to the
>>transmitter.**

>Ok, so if we believe this,

Gary, if you don't believe that the currents on the inside of the coax
are forced to be equal and opposite by the internal fields, we can
stop here. This is one of the basic attributes of coax and you should
address this issue for yourself post haste.

>there can be no current flowing down the outside of the coax because
>all the current that came up to the load on the inner had to go back
>down on the inside of the outer, and vice versa on the other
>alternation, because you say coax *forces* this condition.

You've reached another incorrect conclusion through the use of
ambiguous rhetoric. Your phrase "all the current" implies that the
current has an identity, that current "Jones" is flowing out of the
transmitter on one pole, therefore all of current "Jones" must return
to the transmitter on the other pole.

In fact, there is no identity, the two currents only need to be equal
and opposite. This means that the return current that flows back down
the inside of the shield can be drawn from any source whether it's the
leg of the dipole, the outer shield, or whatever. Regardless of the
number of sources, the total current reentering the inner shield of
the coax will always equal the current on the center conductor.

Incidentally, I will appreciate it if you don't nitpick the preceding
paragraphs from the standpoint of definitions or atomic theory. If
you disagree with what I've said, YOU must explain how shield current
can flow in the presence of a coaxial line that forces equal and
opposite current at each pole of the transmitter. Further, you must
explain why a transmitter that *always* sees a balanced load at the
input to the coax would require additional return current from the

end of the cable attached to the antenna.

>>Please stop this nonsense about some sort of external loop that
>>must be completed. It is an instinctual concept that does not exist
>>in a coaxially-fed system.

>Your paragraph 2 then states that coax *forces* the
>currents on the inner and the inside of the outer to be in balance,
>but that leaves I + (-I) = 0 current remaining to flow down the
>outside of the coax outer.

The fact that the current in the coax can be represented as 1+(-1)=0
has absolutely nothing to do with the dispersion of the current in the
load(s) outside the coax.

<rest based on incorrect conclusions that I have explained above>

>As a hint for those playing at home, an understanding of what we
>really mean by AC "current flow" is a key to understanding what's
>really going on.

There's no small irony in that statement, Gary. Unless you abandon
this discussion prematurely, I think you'll eventually regret it.

73,
Jack WB3U

795. AEA DSP-2232... New S/W out there???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: BGWJ81A@prodigy.com
Message-ID: <4kp2r0$1388@useneta1.news.prodigy.com>
Source record: 202796

Hi I'm looking for any new AEA DSP-2232 S/W that folks may have developed/are developing. Is anyone doing independant S/W design for this unit??? Is AEA doing any new S/W for this unit???

Peter WB2MJG

796. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr13.195652.26414@ke4zv.atl.ga.us>
Source record: 202797
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4klhk7$cck@ns.oar.net> jaeschke <jaeschke@cordmc.dnet.etn.com> writes:
>You are correct that there is no net flow of current in AC
>waveform if you average over a full AC cycle. There is a net
>flow of current during the positive and negative parts of the
>cycle. This flow of current is what does the heating in the
>resistive components if any of the circuit attached to the
>source of current.
>
>If I have a DC source that I connect with one polarity to a
>resistor for a while and then reconnect it with the other
>polarity fot the identical amount of time, I will have a net
>flow of current into the resistor of zero. I will have a net
>flow of current from the battery and this times the voltage of
>the battery is the power that is put in the resistor.

Yes, Jim, that's a good model. Now lets say you don't leave
one polarity of the battery connected to the resistor long
enough for the current to reach the other end of the resistor
and return to the battery before swapping terminals. Now what
happens?

That's the situation we run into at RF where the cycles are
rapid and the "resistor" and its leads are long. Now there
is no net charge flow through the external circuit even for
partial cycles.

There *is*, however, still a net charge flow in the battery.
That flow is the result of temporary charge *storage* in the
inductance and capacitance of the external circuit, which we
term reactive or "wattless" power, and the heat loss through
part of the resistor from which the charge enters and then
reverses and exits back to the opposite polarity of the battery
(which is now, of course, on the same terminal from which the
charge entered the external circuit). The latter represents real
watts lost to the external circuit while the former represents
an internal loss required to overcome the VARs in the external
circuit.

So we can still transfer real power from the source to the
external load without a net charge flow in the external circuit.
And if we replace the battery with an alternator, there will
be no net charge flow in it either, but we will still transfer
real power from it to the external load.

Now since by definition P=IE, and P is non-zero, then I must
be non-zero too. So I doesn't necessarily mean a net charge
flow in AC circuits, IE AC *current* is not a net charge flow
as it is in DC circuits. But I is *defined* as coulombs/sec
(amperes) past a point, so it would seem we have a contradiction.

I'm tempted to let the way out of this dilemma rest as an exercise
to the reader. I will give a hint, however, and add that it is all
a sign of the times (or is it the time of the signs?). :-)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

797. Re: HF for amateur and marin bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr13.200243.26499@ke4zv.atl.ga.us>
Source record: 202798

In article <4kmovn$hb@troll.powertech.no> kjellj@powertech.no (Kjell Johnsen) writes:
>I plan to use the Icom 706 / AH-3 in my sailboat. Need to use it both on
>amateur bands and on marin bands HF. Can anybody tell me if this can be
>done?

It certainly can be done, just remove diode D59 and reset the microprocessor.
Whether it can *legally* be done will depend on what the rules are in the
nation where your craft is flagged, IE does the nation have a Type Acceptance
requirement for marine radios like the US does? If so, you're out of luck,
if not, then no problem.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

798. Yaesu FT-890 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: steve.hajducek@bytewise.org
Message-ID: <127.8713.27@bytewise.org>
Source record: 202799

Chris below is the mod for full coverage xmit. I own an FT-890AT, wonderful radio, however I have not made this mod. I collect mods for my BBS and for my radios for the time I ever need/want them.

/s/ Steve, N2CKH

Newsgroups: rec.radio.info
From: wa2ise@cbnewsb.cb.att.com (robert.f.casey)
Subject: ft890 mod file
Message-ID: <1993Jan24.005316.5410@cbfsb.cb.att.com>
Keywords: mods
Sender: news@cbfsb.cb.att.com
Organization: AT&T
Date: Sun, 24 Jan 1993 00:53:16 GMT
Approved: wa2ise@cbnewsb.cb.att.com
Lines: 34

copied from packet:
Msg# Size #Rd Date Time From MsgID To
32972 BF 2276 0 13-Jan 1142 F1LOU 30527_ON7RC YAESU@WW ()
Sb: FT890 MODS

YAESU FT890/AT mod. TX 1,5 to 30 MHZ.
==========

- Disconnect FT890 from all connections.

- Open tranceiver like explained in your "OPERATING MANUAL".

- Locate on the "CONTROL UNIT" jumper point JW 3001 and close it with solder.

- Close tranceiver back and reconnect power.

- Push PROC, AGC-F, IPO, ATT while power ON.

- Now the display shows two digits of numbers and tree of letters (i.e 13 OFF)
Rotate main knob and set the display to "02 ON". Now press the PROC button.

- Power OFF and then back ON. It's all!

- Now every time you want, you can change the programation, but you will
allways lose the memories.

- Other settings than "02 ON" are of no interest. This one give you 100 w
and automatic antenna tuning between 1,5 and 30 mhz.

73's de Phil, F1LOU @ ON7RC.BT.BEL.EU
==========
Note: I haven't tried or verified this, proceed at your own risk, and

do not transmit outside of legal bands! WA2ISE

```
+-------------------------------------------------------------------+
| ByteWise(tm) BBS - On-line! since 1988 - SYSOP: Steve Hajducek N2CKH |
| Public access via Node 1 at 1-908-363-2760, 2400-28.8KB 24hrs/day |
| Support BBS for CATCC, RAC 'n Rollup and b_CRYPT, PC-Sig disk #1382 |
| e-mail info@bytewise.org or n2ckh@bytewise.org |
+-------------------------------------------------------------------+
```

799. Re: Need Ten Tec model

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: wdmilner@atcon.com
Message-ID: <4kp547$s27@thor.atcon.com>
Source record: 202800

jstroppe@uhl.uiowa.edu (John Stroppel) wrote:

>Anyone out there know of a Ten Tec amp unit used with a QRP rig to
>get 50 to 100 watts out. If so what was the model #. Thanks

Yep, it was the model 405 and the matching power supply was the 251M.
I'm looking at one as I type<g>

73, Dean

Dean, VE1CBF VE1CBF@VE1CBF.ns.ca
wdmilner@atcon.com FN96VC

- - ... ... - -

800. Re: Yaesu FT-51R and 41R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: White Heat <74367.2423@CompuServe.COM>
Message-ID: <4kp7fegts1@mhadf.production.compuserve.com>
Source record: 202801

Hi i also own an FT-51RH (5 watt battery fnb-38) and i have found there are a couple of mods and most of them are for out of band transmit, i have not performed these mods but i have heard they work quite well... there is some features that can be accessed by holding the volume up/down buttons and the call button when turning on the radio, if you find anymore info please E-MAIL it to me thanx..
73's
Chris KC8BTV

801. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr13.222028.26963@ke4zv.atl.ga.us>
Source record: 202802
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kn5n8$6sh@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> >w8jitom@aol.com (W8JI Tom) writes:
>>>gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>>>A classic example is a shunt fed grounded base halfwave vertical.
>>>>You have to shunt feed it because the "grounded" end is a very high
>>>>impedance point, just as the top end is.
>
>>>No, the grounded end is NOT a high impedance point. The highest
>>>impedance point is the top.
>
>Tom, you've made an error in this statement. Both the top and bottom
>are low impedance points. The bottom is low impedance because it's
>grounded, and the top repeats it.

Ohh, I hate to defend Tom, but here goes. Jack, what is the magnitude
of current flow at the point of an open circuit? (Zero, or close to
it considering corona effects) What is the magnitude of voltage at
an open circuit point? (Maximum) Now what is the impedance if Z=E/I?
(Very high.)

There's no way you can get around the fact that current goes to zero
at the open end of an antenna, Jack. There's no place further for it
to go, it has to stop there and be reflected (unless it arcs into the
air by corona discharge, and to do that the antenna end point voltage
has to be *very* high). So we can only conclude that the open end
point of the antenna *must* be a high impedance. There's no other
choice.

>>But wait, it's a halfwave, and you've been telling me that the
>>impedance of a halfwave repeats at each end. So if you say it is high
>>at the top, it has to be high at the bottom too. Can't have it both
>>ways.
>
>He made a mistake in this post, Gary. The true operation of the tower
>agrees with his previous descriptions of a halfwave conductor. The
>error should be obvious by virtue of the fact that a 1/4 wave vertical
>exhibits a high impedance at the top.

Of course it does, it's an open circuit there. It has no choice. And
neither does the halfwave. It's an open circuit at the top, so that
has to be a high impedance point for it too. It can't be anything else.
Current can't flow any further.

So, both antennas have a fixed high impedance at the top that cannot be changed. Now applying wave reflection theory, that means that 90 degrees down from the top will be a current maximum/voltage minimum, and hence a low impedance point. Has to be, it's the law. Now 180 degrees down from the top, wave reflection theory tells us we must have another current minimum and voltage maximum, a high impedance, have to, there's no choice, it's the law. So the bottom of a halfwave vertical is a high impedance. No matter what it is connected to at the bottom, it can't supply current to it because it is at a current minimum, is a high impedance source, and practically nil current can flow. Has to, it has no choice, it's the law. The open circuit at the top *forces* the current into this distribution. There's nothing you can do at the bottom to change it.

> <self-congratulations deleted> <g>
>
>>Frankly, I believe that the bottom is also a high impedance
>
>This is ridiculous. The bottom is ground. <sigh>

So what? There's nothing, repeat nothing, magic about ground (dirt). It's just a poor conductor that happens to be large.

>>from the only point of view that matters here, that of the currents
>>on the conductor.
>
>Point of view doesn't matter. Current will be maximum at the bottom.

Not just wrong, but dead wrong. Current will be maximum halfway down the 1/2-wave antenna, just as the little diagrams in the antenna books show it to be, just like they show current to be minimum at top and bottom. Has to, can't do anything else, it's the law.

>>Earth in and of itself has no particular impedance, high or low. It
>>assumes whatever impedance is necessary to satisfy Z=E/I for the
>>values of E and I measured across and along points in the mesh.
>
>We're talking about earth ground, not the resistance of a handful of
>dirt. RF current on a single conductor will readily flow into earth,
>never to return.

If you say so, Jack, but darn little of it from a high impedance source. And it somehow has to pass through that "dirt" to get to your mystical "earth ground", and that dirt is a darn poor conductor, with a conductivity of about 0.001 S/m. If you oppose a big enough "plate" to it, though, it's a fair to middling capacitor, which is why buried radials work.

>>The whole fallacy of your and Jack's argument has been this
>>insistence on an absolute impedance for ground that is low.
>
>When's the last time you received an RF burn from earth ground?

About the same time I got a RF burn from a window pane. Neither conduct worth a darn, so why should I expect to get an RF burn from them?

>Gary, you have just made me very glad to be on this side of the
>argument. ;)

And you have made me very happy I'm on this side (impedance at the open end of a resonant halfwave antenna low indeed! chortle, snort) I'd like to see Tom's face when he reads all this. :-)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

802. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kphsm$2mi@crash.microserve.net>
Source record: 202803
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

jaeschke <jaeschke@cordmc.dnet.etn.com> wrote:

Hi Jim,

>If I have a DC source that I connect with one polarity to a
>resistor for a while and then reconnect it with the other
>polarity fot the identical amount of time, I will have a net
>flow of current into the resistor of zero.

It appears that way only if you sum the currents after assigning "-"
and "+" designations. That's not correct, because this particular
concept of labeling is only appropriate when two phenomena occur
simultaneously. When that's not the case, only absolute values can be
applied.

73,
Jack WB3U

803. Motorola MCX100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: Scott Miner <sminer@magic.mb.ca>
Message-ID: <316FF503.2E5A@magic.mb.ca>
Source record: 202804

Hello,

A friend of mine needs a service manual for a Motorola MCX100
radio. Please contact me if you can help him out.

Thanks,

Scott
sminer@magic.mb.ca

804. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr13.234416.27351@ke4zv.atl.ga.us>
Source record: 202805
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kn142$m4e@sun001.spd.dsccc.com> jmccarty@sun1307.spd.dsccc.com (Mike McCarty) writes:
>In article <4kihkr$g9a@crash.microserve.net>,
>WB3U <jackl@pinetree.microserve.com> wrote:
>)This does not mean that voltage is not a substance, however. I used
>)the phrase "essential essence" intentionally, as this is the very
>)first definition of "substance" according to my copy of Webster's.
>
>Voltage is not a substance. It is a name for the UNIT OF MEASURE (like
>"inch") for the ElectroMotive Force (EMF).

Yeah, sort of, but that's not telling the essence. It certainly gives the wrong impression. The volt isn't a unit of force, it is a *work* function that measures how much work it takes to move one coulomb of charge a specific distance against a specified field gradient. It has units of J/C (joules per coulomb). Work is, of course, force*distance, so force is certainly part of what constitutes the volt, but so is distance, the two end points locating Vab or the *potential difference* of the field gradient across which you are measuring. Thus the volt has no meaning unless it is measured between *two* points. There can be no naked potential.

You always have to ask, "relative to what?" when talking about the voltage at a certain point. And you are perfectly free to choose that "what" to be any point you like, and you'll get a different voltage for every different "what" you choose (assuming the points chosen don't form an equipotential surface around the other point). However, if you don't choose the "what" carefully, the voltage you read may be meaningless to the circuit in question. That "what" has to be another point through which the charge represented by the coulomb part of the volt can move, IE the point must be inside the topology of the circuit where Kirchhoff's laws hold, if it is to have any meaning to the circuit. In such a circuit, charge must be conserved.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

805. Re: Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: Josh Pavlovich <jpav@mtnweb.com>
Message-ID: <31706B0A.6FDF@mtnweb.com>
Source record: 202806

Bill Paul wrote:
>
> In article <4k8o6p$ngo@hptemp1.cc.umr.edu>, sdrumm@albert.nuc.umr.edu
> (Scott Drumm) wrote:
>
> > I just recently received my no-code Tech license, and the time has now
> > come to purchase a radio. I'm looking for a 2m HT that is small and
> > rugged enough to be carried when backpacking, hunting, hiking, etc.
> >
> > Members of the local club recommended the ICOM IC-T22A for $245,
> > and I was wondering if anyone has had positive/negative experiences
> > with this particular model and/or company.
>
> Nothing but good things to say about mine. Great Rx sensitivity. Extended
> Rx range. Transmits good sounding audio (according to the people I talk
> to). The sales man said the user interface was easier on the Kenwood T22,
> but I didn't have any problems learning the Icom.
> >
> > Also, what features should I be looking for in a handheld unit in the
> > $250-$350 price range? I'm a little vague on what DTMF, coded squelch,
> > and tone squelch features actually *do*, so any help in that area would
> > be appreciated.
> >
> DTMF (Dual Ton Multiple Freqency) is for creating the tones for dialing
> telphone numbers, like through an autopatch. Many repaeters have
> additional controls, like linking to other systems, that can be controlled
> by DTMF tones. I would venture to say that most, if not all new HTs have
> DTMF capability.
>
> Coded squelch uses those DTMF tones to open up preprogrammed receivers.
> The receivers will only open the squelch after hearing the tone sequence
> you've programmed. This can allow many people to use the same simplex
> frequency without hearing each other (not at the exact same time however).
> This is popular with commercial radios, but I haven't heard anyone using
> it in the 2m band. It is an option on many radios.
>
> Tone squelch uses a sub-audible tone (aka PL tone) to open the squelch of
> the receiver. This is something that is used alot in repeater operation. A
> tone, anywhere from 50 to 300Hz, but usually around 100Hz, is transmitted
> along with your voice. I don't know if the IC22A can use the tone on it's
> receive (it has some tone scan feature for figureing out what tone a
> repeater is using), but it can transmit the tone. I think any new radio
> can transmit a PL tone.
>

> > Thanx for the assist!
> no problem
> -BP
>
> ---
> Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com
> ---

You can get a new Yaesu FT-50, which is a 5 watt dual bander, for that
price. And it is mil spec rated, the icom is not.

Josh
--
jpav@mtnweb.com

806. Re: WTB: TenTec Hercules II HF Amp & PS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: Steve Zettel <zettel@libby.org>
Message-ID: <317081A3.7440@libby.org>
Source record: 202807

I've located a Herc II and P/S, and believe we've clsoed the deal.
Please excuse the post here; I found out after that rec.radio.swap would
have been more appropriate. Thank you to all who reponded.

Steve Zettel
kj7ch@libby.org

807. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <brzq8fbh1q.fsf@xmission.xmission.com>
Source record: 202808
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Thanks to everyone who replied or posted about ARRL insurance.
It sounds great. All replies from experienced people were positive;
besides the followups posted, I got two messages by e-mail from people
who had processed claims with no trouble.

808. Yaesu FT-9000 dual-band mobile radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <br3f67cvyh.fsf@xmission.xmission.com>
Source record: 202809

OK, now that the FT-50R is out, we need to move on to something else.

How about this: The FT-3000M is really cool, and it is a 2-meter transceiver that followed the FT-2500. So, maybe there will be an FT-9000M, to follow the current FT-8500 model! Of course, the 9000 will have new features like a 70 watt output power setting! There we go.

809. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <br20lrcvn7.fsf@xmission.xmission.com>
Source record: 202810
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Thanks to everyone who replied or posted about ARRL insurance.
It sounds great. All replies from experienced people were positive;
besides the followups posted, I got two messages by e-mail from people
who had processed claims with no trouble.

810. FS: Large MILITARY COMM SHELTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: louis@postoffice.ptd.net
Message-ID: <4kpb4j$fog@ns2.ptd.net>
Source record: 202811

I acquired some military shelters that I had planed a use for, but I did not ever see the project through. I
am selling these shelters and thought you might like to check out a few photos of them. If you click on the thumb
nail you can see the larger picture in 800 x 600 resolution. The shelters are rated to block Rf frequencies
up to, I believe, 1.3GHz and at 120db of attenuation. These would make Ideal radio repair rooms. The construction of
the units are double aluminum clad over a foam core with an outer kevlar skin (Bullet resistant!). In pictures 8 and 9 you
will notice that the shelter can be used with a 40 foot Wil-Burt pneumatic 9 section mast. I am selling these masts separately
if desired. If you would like the shelter with out the mast I can reduce the price some what. These masts are like the
ones on the news vans, except that these are built to Mil Spec and the original cost to the defense contractor was $20,000 each.
Don't worry that is not my asking price.

I will sell you the mast separately for $2,500
I am asking $5,000 for a shelter with a mast, and I am asking $3,500 for a Shelter with out the mast.
If anyone would like more details, I can be reached at (717) 629-7212 ask for Louis or E-mail louis@postoffice.ptd.net

To see photos of these shelters use your web brouser and go to this URL

http://home.ptd.net/~louis/forsale/forsale.html

811. Re: Help me, do linears need antenna tuners ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4kmuel$m4f@shore.shore.net>
Source record: 202846

philrut1@aol.com (PhilRut1) wrote:

>In article <4khqo8$p2b@shore.shore.net>, jjmartin@shore.net (JJ Martin)
>writes:

>>Now, I have heard of people
>>blowing traps in their R-7s by attempting to load them on 80 meters.
>>Won't work, wasn't designed for that.

>Jim-- Didn't we just have this conversation at the "shop" on Tuesday? hi
>hi

> 73-- Phil (KB1GO)

>P.S. Give Manny a big "OLA" for me!

Heheheh hi Phil....I'm BUSTED!

812. Re: cellular phones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-1204961813520001@wpaul-mac.qualcomm.com>
Source record: 202847

In article <4km1j1$k3n@granite.sentex.net>, jclind@sentex.net wrote:

> I have been given a cellular phone (brand name PUlsar - a Canadian tire
> Brand). It was manufactured by Modar Communications Inc. USA. The model is
> 12325.
> What I would like to know is - are there any mods (or key stroke sequences)
> that will nable me to use the phone as a scanner? Failing that, what mods
> would be necessary to change its operating frequency to the 900 meg ham band?

Somebody should write an FAQ on what you could do with an old cell phone.
It would be really short or really comical.

Anyway, I can alsmost gaurantee there are no keyboard mods to do anything
with a cell phone besides make cell phone calls. The company that wrote
the code in the phone probably wouldn't want to spend hundreds of extra
man hours on a 'hidden' feature' that has no additional benefit to their
end users.

As far as your other mods, the chances of modifying the phone to work
900Mhz are pretty slim as well.

Big problem #1: The phone's RF section will be optimized to transmit on
824 - 849 MHz. If it could be re-tuned to a higher frequency, it would be
a very poor performer in the 900 MHz amateur band. You would be better off
building your own RF section.

Big problem #2: There is probably a PLL controlled by a microprocessor
that you will have to reprogram. That is assuming it runs code from an
PROM that you can remove and reprogram. It may have One Time Programmable
(OTP) memory built in the processor, so you can pretty much toss that CPU
in the trash, and redesign the entire digital section around another CPU
that you can program yourself (not an easy task -don't forget about the SW
engineer that would need a couple of hundred hours just to add your
scanner function)

Big problem #3: The display -Assuming you want some useful information on
the display like what frequency you're listening to, you'll have to
understand how to program or control the display. LCDs typically have
there own little controller with it's own command language. You'll need
information on that)not easy either -you probably stand a better chance
on getting photo's f alien from the white house then info on a propietary
LCD!)

I could keep going with more gory details, but I think you get the point.

So what are you left with?, A keypad, a microphone, a speaker, a battery,
a handy little case, and an antenna; not much.

-BP

Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com
---

813. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4kn0iv$o8j@shore.shore.net>
Source record: 202848

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>I wouldn't call a VIking II a beginner rig, not in 1955, and not today.
>In 1955 beginners started with a *new* Challenger, and a *new* National
>or Hallicrafters receiver. Today beginners have much better choices than
>*50 year old* equipment. Receivers are *much* improved (and built in), and
>transmitters occupy a much smaller footprint and use contemporary parts.
>It has nothing to do with the skill level of the beginner, then or now.
>Rather it has to do with the level of performance, maintenance, and
>operator flexibility offered by 50 year old equipment compared to
>equipment of modern manufacture. In particular, 50 years ago beginners
>weren't faced with scrounging 50 year old parts to repair 50 year old
>equipment. Back then the Viking II was *new*. It's 50 years old today,
>and the maintenance requirement is *very* different than it was when
>it was new. Anyone who has had to restore one of these should know
>what I mean. If you can't pick the bones of another carcass for some
>of the parts, you're just plain out of luck, and lots of those carcasses
>have long been landfill.

>Gary

Gee....what memories....

I haven't been licensed really that long. Got my Novice ticket in December of '81...uh...after passing the exam in August (another story) but the day I received my ticket I made the comment to one of the local hams in my area that "all I needed now is a transmitter."

Lo and behold....within hours there was a knock at my front door. When I opened the door there was no one there. There was, however, this GIANT monster sitting on the step....I guess it must have weighed about 75 pounds or so. A Johnson Viking II.

Good thing there was a ham, WB8FBN (Fly By Night) who lived across the street from me. I called C.Q. (Chris Quintin--Smith) on the landline and told him that I had a transmitter anonymously delivered to my doorstep and no idea how to use it. Wasn't long that I was searching through my collection of crystals looking for one that would put me on a frequency I was authorized to use. Closest I could find was 6906.667 KC. It was then that I learned about using Comet and the glass top on my desk to grind the crystal so that it would work within the 40 meter Novice band. I frosted the heck out of the lower corner of the glass top...hi hi...but it was worth it.

With Chris' help, I ground it so that it worked on 7.155 MHz....woops...too high. A little pencil lead on the quartz wafer and

we got it down to 7.129 MHz. The crystal is sitting in front of me right now as I am typing this.

I had a Realistic DX-300 receiver that had a fairly decent readout. Chris went back home and I called him on the landline to let him know when I was ready to make my first contact as a ham. On December 14, 1981 with Chris instructing me I called CQ CQ CQ DE KA5MWD KA5MWD K and waited.

Hands shaking, forehead sweating, at 0100z I heard KA5MWD DE KA7FXV KA7FXV KN Not sure of what to do next I asked Chris for help. I still needed a little coaching from him on my second QSO which was eight and a half hours later but after that I was ready to solo...and I did.

Wouldn't mind having a Viking II again. I still have the crystal. As a matter of fact I have many crystals that would work. Thanks for letting me remember my beginning in ham radio with this "boat anchor."

Guess I'll just have to be contented with my Drake TR-7 and with bringing the FT-1000MP and other radios home from work on the weekends. :)

jim, wk1v

814. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kn5n8$6sh@crash.microserve.net>
Source record: 202849
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>w8jitom@aol.com (W8JI Tom) writes:
>>gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>>>A classic example is a shunt fed grounded base halfwave vertical.
>>>You have to shunt feed it because the "grounded" end is a very high
>>>impedance point, just as the top end is.

>>No, the grounded end is NOT a high impedance point. The highest
>>impedance point is the top.

Tom, you've made an error in this statement. Both the top and bottom
are low impedance points. The bottom is low impedance because it's
grounded, and the top repeats it.

>But wait, it's a halfwave, and you've been telling me that the
>impedance of a halfwave repeats at each end. So if you say it is high
>at the top, it has to be high at the bottom too. Can't have it both
>ways.

He made a mistake in this post, Gary. The true operation of the tower
agrees with his previous descriptions of a halfwave conductor. The
error should be obvious by virtue of the fact that a 1/4 wave vertical
exhibits a high impedance at the top.

<self-congratulations deleted> <g>

>Frankly, I believe that the bottom is also a high impedance

This is ridiculous. The bottom is ground. <sigh>

>from the only point of view that matters here, that of the currents
>on the conductor.

Point of view doesn't matter. Current will be maximum at the bottom.

>Earth in and of itself has no particular impedance, high or low. It
>assumes whatever impedance is necessary to satisfy Z=E/I for the
>values of E and I measured across and along points in the mesh.

We're talking about earth ground, not the resistance of a handful of
dirt. RF current on a single conductor will readily flow into earth,
never to return.

>The whole fallacy of your and Jack's argument has been this
>insistence on an absolute impedance for ground that is low.

When's the last time you received an RF burn from earth ground?

Gary, you have just made me very glad to be on this side of the argument. ;)

73,
Jack WB3U

815. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jmccarty@sun1307.spd.dsccc.com
Message-ID: <4kn0ul$m46@sun001.spd.dsccc.com>
Source record: 202850
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kdkph$4tm@ns.oar.net>,
jaeschke <jaeschke@cordmc.dnet.etn.com> wrote:
)Jack:
)
)I believe that Gary has a point in that the circuit back to the
)transmitter must be (visibly) completed. To me this means that
)the current that leaves the transmitter in the center lead of
)the coax must return to the transmitter in some manner.
)Generally, this is throught the shield of the coax. If it did
)not return, then the negative charge of the electrons leaving
)the radio would leave a positive charge on the case of the
)radio.
)
)Jim

Huh? You seem to think that wires are like water hoses with electrons
squirting out of the end. The electrons go -nowhere-. They don't move.
They vibrate about equilibrium positions. It's the electromagnetic
-wave- which moves. Like waves on water. The water doesn't go anywhere.
Only the waves move.

Mike

--
----
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}

I don't speak for DSC. <- They make me say that.

816. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jmccarty@sun1307.spd.dsccc.com
Message-ID: <4kn142$m4e@sun001.spd.dsccc.com>
Source record: 202851
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kihkr$g9a@crash.microserve.net>,
WB3U <jackl@pinetree.microserve.com> wrote:

)Gary, you're absolutely right about this and I should have been more
)careful in my comments. Our limited senses and instrumentation don't
)allow direct measurement of voltage, only its effects.

This has nothing to do with electricity. NOTHING can be detected by any
means other than by its effects.

)This does not mean that voltage is not a substance, however. I used
)the phrase "essential essence" intentionally, as this is the very
)first definition of "substance" according to my copy of Webster's.

Voltage is not a substance. It is a name for the UNIT OF MEASURE (like
"inch") for the ElectroMotive Force (EMF).

)Also, your reply doesn't respond to my statement that voltage is
)attracted to all unlike voltages. Are you disputing this or is it
)actually a similar disagreement regarding definitions? I reread your
)previous post, but I'm still not sure.

Voltage is not attracted to anything.

)Incidentally, unless I'm missing some of your articles, I haven't seen
)a reply to either of my posts discussing the impedance of the
)transmitter chassis (one was the article quoting the Antenna
)Handbook). The common mode impedance of the chassis is one of the
)basic issues behind our disagreement regarding the correct shield
)length. Have you changed your position on this?
)
)73,
)Jack WB3U

I have never seen the phrase "common mode" used in this sense before.

Mike
--
----
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}

I don't speak for DSC. <- They make me say that.

817. Re: The Transmitter Chassis (Was MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jmccarty@sun1307.spd.dsccc.com
Message-ID: <4kn1cs$m8l@sun001.spd.dsccc.com>
Source record: 202852
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kccpb$afg@mikasa.iol.it>,
WB3U <jackl@pinetree.microserve.com> wrote:
)The discussion regarding artificial grounds and coax shield currents
)has raised a related issue that I think is widely misunderstood.
)
)First, it was stated in the other discussion that feedline currents
)radiate because they are unable to enter the transmitter and return to
)their source. I have disputed this because there are many openings
)and pathways into the typical transmitter for current flowing on the
)outer chassis. If the current is attracted to the inner chassis, and
)it appears that it is, it can find a way in. The evidence of this is
)that RF in the shack often causes the internal workings of the
)transmitter to malfunction. In addition, removing the cabinet of the
)transmitter will typically have little or no effect, good or bad, on
)the RF in the shack.

ALL alternating current radiates. With coax, you have (nearly) equal
currents flowing in opposite directions, with one enclosed in the other.
Each of the currents then radiates an electromagnetic wave of (nearly)
equal amplitude but (nearly) opposite phase. These interfere
destructively, resulting in (nearly) zero radiation from the feedline.

[rest gone]

Mike
--
----
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}

I don't speak for DSC. <- They make me say that.

818. FS: DRAKE R8A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <316F0C5F.7649@mail.rust.net>
Source record: 202853

DRAKE R8A Shortwave Communications Receiver (Latest Model!)
100-30,000 KHz, AM/FM/LSB/USB/CW/RTTY Modes!
Includes Drake's optional internal VHF module, adding
coverage: 35-55 MHz, and 108-174 MHz, including Aircraft!

I purchased this brand new just last month (Mar 96). I'm
forced to sell it due to loss of employment.

Including tax, I have $1,351.50 invested!
I am willing to sell it for only: $950.00 [firm]
I will also pay standard UPS, insured shipping, anywhere
in the U.S.

Bill Crocker

819. Anyone own a Yaesu FT-221R transceiver?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4kn86d$6t9@coranto.ucs.mun.ca>
Source record: 202854

I am looking for a copy of an owners or service manual for a Yaesu FT-221R
2 meter all-mode transceiver. Would also like to know the differences between
the FT-221 and FT-221R.

820. MFJ TNC 2, 9600bps mod 100.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: N4UTN@gnn.com
Message-ID: <4knggt$nad@news-e2a.gnn.com>
Source record: 202855

Hello all,

Cal here.

I have an MFJ tnc 2 that is in really great shape
and has been modified for 9600 baud transmission if you ever
decide to get into that... I also have all the manuals... If you
are interested I will sell it to you for 100.00 shipped C.O.D.
only...

73, Cal... N4UTN...

(804) 821-6233 after 5pm est... or email me..

821. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4knkfh$c4h@crash.microserve.net>
Source record: 202856
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

jmccarty@sun1307.spd.dsccc.com (Mike McCarty) wrote:

>Voltage is not a substance. It is a name for the UNIT OF MEASURE
>(like "inch") for the ElectroMotive Force (EMF).

No, the Volt is the unit of measure. Voltage is a synonym for EMF.

Also, I'm not the person who brought the term "substance" into this discussion and I agree that it sounds odd when it's applied to voltage. Nevertheless, voltage qualifies because it is the "essential nature" of the conductors under discussion. If you disagree with this, Webster's the guy you want to talk to.

>Voltage is not attracted to anything.

My statement was intended to convey the idea in layman's terms. From that perspective, it is not inaccurate and I will continue to use it when appropriate. I apologize if you find the wording annoying, but the statement is useful in describing the cause and effect simply and in a way that no reader will misunderstand.

>I have never seen the phrase "common mode" used in this sense before.

The current (and thus voltage and impedance) that we were discussing is antenna current.

73,
Jack WB3U

822. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kngf6$6l9@newsbf02.news.aol.com>
Source record: 202857

In article <1996Apr12.203400.20394@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>
>So voltage measurements made referenced to a third party not involved
>in that closure have no meaning in regard to the dynamic impedance in
>the circuit. And finally, measurements referenced to Earth have no
>meaning with regard to impedances in the circuit under discussion since
>it does not participate in the conservation of charge in the circuit,
>IE it is not in the return path, and the electric field gradient, if any,

>it may offer has no direct relationship to the charge, and hence current,

>in the circuit.
>
>Gary

They certainly do matter Gary. An RF signal can not be treated like a dc or low frequency ac signal. We can't "ignore" the impedance of other objects just because they aren't connected by a return wire to the source.

The whole problem is the connection between the antenna and any other conductive object with a relatively low impedance.

If what ***you*** say is true:

>and the electric field gradient, if any,
>it may offer has no direct relationship to the charge, and hence current,

>in the circuit.

1.) Some antennas would simply quit working (some have no return path).

2.) We couldn't draw an arc to an insulated screwdriver from an antenna (it has no return path).

3.) If we hung a open ended wire from one terminal of a dipole at the center insulator, no current would flow in that wire.

4.) If a grounded wire was hung from terminal of a dipole at the center insulator, no current would flow in that wire if the transmitter was isolated from that wire.

How do you explain effects like these, that we all know exist, if your last paragraph is correct?

If you last paragraph is correct, explain how a "floating" tie wire on an electrical line can actually arc to the wire it's wrapped around! Where is the return path Gary?

73 Tom

823. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4knggb$6lu@newsbf02.news.aol.com>
Source record: 202858

In article <1996Apr12.203400.20394@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>
>So voltage measurements made referenced to a third party not involved
>in that closure have no meaning in regard to the dynamic impedance in
>the circuit. And finally, measurements referenced to Earth have no
>meaning with regard to impedances in the circuit under discussion since
>it does not participate in the conservation of charge in the circuit,
>IE it is not in the return path, and the electric field gradient, if any,

>it may offer has no direct relationship to the charge, and hence current,

>in the circuit.
>
>Gary

They certainly do matter Gary. An RF signal can not be treated like a dc or low frequency ac signal. We can't "ignore" the impedance of other objects just because they aren't connected by a return wire to the source.

The whole problem is the connection between the antenna and any other conductive object with a relatively low impedance.

If what ***you*** say is true:

>and the electric field gradient, if any,
>it may offer has no direct relationship to the charge, and hence current,

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2.) We couldn't draw an arc to an insulated screwdriver from an antenna (it has no return path).

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4.) If a grounded wire was hung from terminal of a dipole at the center insulator, no current would flow in that wire if the transmitter was isolated from that wire.

How do you explain effects like these, that we all know exist, if your last paragraph is correct?

If you last paragraph is correct, explain how a "floating" tie wire on an electrical line can actually arc to the wire it's wrapped around! Where is the return path Gary?

73 Tom

824. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kngh2$6mc@newsbf02.news.aol.com>
Source record: 202859

Hi Jack,
In article <4kn5n8$6sh@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:
>
>Tom, you've made an error in this statement. Both the top and bottom
>are low impedance points. The bottom is low impedance because it's
>grounded, and the top repeats it.

If fed at the top (ungrounded end) agaist a counterpoise of some sort, that is correct Jack. But remember I was replying to Gary's example of a shunt-fed tower. Not a top feed arrangement. Because of that, there has to be zero common mode current at the top.

At the same time, since the base is grounded, it has to be a low impedance. It has zero volts with respect to ground, it is grounded. What it behaves like Jack, depends precisely on how and where it is "fed". Remember Gary declared the feed arrangement to be a "shunt fed" system.

There are only two rules we can declare from such a **nebulous** antenna description:

1.) The very top (open end) of the antenna must have zero current. This is because there is NOTHING beyond the end.

2.) The bottom of the antenna is a low impedance. This is because there is a direct connection to a low impedance.

It's silly to get sidetracked with an antenna that is full of the principles causing confusion in the first place. The problem is more basic than something as complicated as a shunt fed vertical. Especially troublesome is the fact Gary created an example that can only be analyzed with common mode and differential mode currents!

Let me explain how such an antenna would work Jack.

Imagine a shunt wire connected to the middle of the tower. At the point of connection, the BOTTOM 1/4 section of the antenna presents a high impedance, since it is a 1/4 wl section with the bottom connected to a low impedance. The TOP half of the antenna presents a low impedance, since it is an open ended 1/4 wl. Most of the current from the shunt feed wire will flow into the top half of the antenna. The common mode current distribution of the entire structure will appear almost like a 1/2 wl vertical.

Connect the shunt wire to the very top, and you have a shorted transmission line. The only radiation will be from imperfections in the system. The differental mode currents will be maximum at the top and

bottom, the very small common mode currents will be minimum at the top.

Connect the shunt feed wire at the bottom and we have a short. Nothing will radiate or be excited. Feed it anywhere in between, and we have mixtures of the three different systems.

73 Tom

825. Re: The Transmitter Chassis (Was MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4knght$6ms@newsbf02.news.aol.com>
Source record: 202860

In article <4kn1cs$m8l@sun001.spd.dsccc.com>,
jmccarty@sun1307.spd.dsccc.com (Mike McCarty) writes:

>ALL alternating current radiates. With coax, you have (nearly) equal
>currents flowing in opposite directions, with one enclosed in the other.
>Each of the currents then radiates an electromagnetic wave of (nearly)
>equal amplitude but (nearly) opposite phase. These interfere
>destructively, resulting in (nearly) zero radiation from the feedline.
>
>[rest gone]
>
>Mike

Please read what Mike wrote. That's exactly how ANY shield works.

Even the cabinet of the rig works that way. Without equal and opposite
fields, a shield will not work.

That is the reason current stays on the inside of a coaxial line, the
reason a transmission line does not readily radiate, and the reason
shields work.

73 Tom

826. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kngj1$6ne@newsbf02.news.aol.com>
Source record: 202861

Hi Jack,
In article <4kn5n8$6sh@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:
>
>Tom, you've made an error in this statement. Both the top and bottom
>are low impedance points. The bottom is low impedance because it's
>grounded, and the top repeats it.

It's silly to get sidetracked with an antenna that is full of the principles causing confusion in the first place. The problem is more basic than something as complicated as a shunt fed vertical. Especially troublesome is the fact Gary created an example that can only be analyzed with common mode and differential mode currents!

Let me explain how such an antenna would work Jack.

Imagine a shunt wire connected to the middle of the tower. At the point of connection, the BOTTOM 1/4 section of the antenna presents a high impedance, since it is a 1/4 wl section with the bottom connected to a low impedance. The TOP half of the antenna presents a low impedance, since it is an open ended 1/4 wl. Most of the current from the shunt feed wire will flow into the top half of the antenna. The common mode current distribution of the entire structure will appear almost like a 1/2 wl vertical.

Connect the shunt wire to the very top, and you have a shorted transmission line. The only radiation will be from imperfections in the system. The differental mode currents will be maximum at the top and bottom, the very small common mode currents will be minimum at the top.

Connect the shunt feed wire at the bottom and we have a short. Nothing will radiate or be excited. Feed it anywhere in between, and we have mixtures of the three different systems.

73 Tom

827. FS DR 130T WITH TONE BOARD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Steve Kendall <steve@osha.igs.net>
Message-ID: <317129B3.3B0D@osha.igs.net>
Source record: 202662

HI NAME HERE IS STEVE I HAVE AN ALINCO DR 130T NEW AND IN THE BOX...IT ALSO HAS A TONE BOARD
WITH IT (I WON IT AT A SHOW)THIS RADIO SELLS NEW FOR $350 AND THE TONE BOARD FOR $50+TAX
SELL PRICE $300 FOR ALL.
CALL STEVE AT 905-434-7984 OR E-MAIL AT STEVE@OSHA.IGS.NET.....TNX

828. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Reid Simmons <rsimmons@pop.qtm.net>
Message-ID: <4krgno$k4@news2.qtm.net>
Source record: 202663

Hi Bill;

I know I am late on this thread but I must put in my "two cents".

I have had my Omni VI since they first shipped in the summer of 1992), (yep I am one of the first) and I can whole heartedly say that I LOVE EVERY CUBIC CENIMETER OF IT.

I have been hamming since 1961 and have had a variety of rigs over the years. In the early seventies I went "the way of the Jap rigs" and I can tell you that the fun I had previously enjoyed in Ham Radio declined went away.

The Jap rigs did (and still do) lack engineering quality and true inovation -- i.e. if they can't copy it from us you won't see it in their products.

When I went looking for a new rig in early 1992 Ten Tec had just announced the Omni VI. I decided on the spot that I had to have one. It was the perfect rig -- well thought out (hear me Japs) and not a too many bells and whistles most of which you will never use.

Well when I finally received my Omni VI(there was a waiting period then since demand was so high) I decided that all my Jap stuff had to go "yesterday if not sooner!"

I sold some, gave some away, and since there is not a big market for most Jap stuff, I wound up throwing a lot of it into the trash can!!!

Since I got my Ten Tec Omni VI Ham radio has become FUN again!!!! I have since bought their six meter transverter kit which is also great (better than the kits from Heath) and I can't wait for Ten Tec's next HF offering.

This was my two cents... or was it three!!

Reid NZ8K
rsimmons@qtm.net

829. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Reid Simmons <rsimmons@pop.qtm.net>
Message-ID: <4krgob$k4@news2.qtm.net>
Source record: 202664

Hi Bill;

I know I am late on this thread but I must put in my "two cents".

I have had my Omni VI since they first shipped in the summer of 1992), (yep I am one of the first) and I can whole heartedly say that I LOVE EVERY CUBIC CENIMETER OF IT.

I have been hamming since 1961 and have had a variety of rigs over the years. In the early seventies I went "the way of the Jap rigs" and I can tell you that the fun I had previously enjoyed in Ham Radio declined went away.

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This was my two cents... or was it three!!

Reid NZ8K
rsimmons@qtm.net

830. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Reid Simmons <rsimmons@pop.qtm.net>
Message-ID: <4krgog$k4@news2.qtm.net>
Source record: 202665

Hi Bill;

I know I am late on this thread but I must put in my "two cents".

I have had my Omni VI since they first shipped in the summer of 1992), (yep I am one of the first) and I can whole heartedly say that I LOVE EVERY CUBIC CENIMETER OF IT.

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This was my two cents... or was it three!!

Reid NZ8K
rsimmons@qtm.net

831. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Reid Simmons <rsimmons@pop.qtm.net>
Message-ID: <4krgp8$k4@news2.qtm.net>
Source record: 202666

Hi Bill;

I know I am late on this thread but I must put in my "two cents".

I have had my Omni VI since they first shipped in the summer of 1992), (yep I am one of the first) and I can whole heartedly say that I LOVE EVERY CUBIC CENIMETER OF IT.

I have been hamming since 1961 and have had a variety of rigs over the years. In the early seventies I went "the way of the Jap rigs" and I can tell you that the fun I had previously enjoyed in Ham Radio declined went away.

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This was my two cents... or was it three!!

Reid NZ8K
rsimmons@qtm.net

832. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Reid Simmons <rsimmons@pop.qtm.net>
Message-ID: <4krgpc$pq@news2.qtm.net>
Source record: 202667

Hi Bill;

I know I am late on this thread but I must put in my "two cents".

I have had my Omni VI since they first shipped in the summer of 1992), (yep I am one of the first) and I can whole heartedly say that I LOVE EVERY CUBIC CENIMETER OF IT.

I have been hamming since 1961 and have had a variety of rigs over the years. In the early seventies I went "the way of the Jap rigs" and I can tell you that the fun I had previously enjoyed in Ham Radio declined went away.

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This was my two cents... or was it three!!

Reid NZ8K
rsimmons@qtm.net

833. FS - 2KW LINEAR 10-80 meters - Rochester, Ny

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: paladino@kodak.com
Message-ID: <31712C32.6E4E@kodak.com>
Source record: 202668

I have a BTI (Brad Thompson Industries) LK2000 2KW linear for sale. For those of you that may not be familiar with BTI - this amp looks a lot like a Henry 2K. It is meant to sit on the floor and is on casters. This amp is of late 1960's vintage. It uses one 3-1000Z as the final output tube but it can also use a 4-1000Z. This unit covers 10-80 meters and will run 2KW all day long. It can be configured to run 120 or 240 volts and has a built in thermostatically controlled cooling blower. The only problem with the unit is that the transformer has a short from the secondary to core so the core is at about a 600 volt potential. The transformer has been isolated on nylon standoffs so that a new transformer or rewinding could be avoided. The transformer is enclosed. Make an offer.

--
Mark Paladino
Custom Electronics, Inc.
Craftsmen in Electronics
Rochester Ny 716-723-4642

834. Re: FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: michael@baa01285.slip.digex.net
Message-ID: <4kpgqn$d5b@news4.digex.net>
Source record: 202714
Cross-posted to:
misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

In article <4kota9$c2o@madrid.visi.net>, zact@visi.net (David Thomas) writes:

|> manuals & probes. will sell to first best offer $$$ call John at (804)
|>
Well that's as clear as mud! Just what is a 'first best offer'??
If you mean the higher of the first two bidders then just say that.
Most of the readers of this group are not impressed or swayed by such
salesman-ese.
Just the facts please..

--
|\ _,,,---,,_ Michael Katzmann (NV3Z / VK2BEA / G4NYV)
/,`.-'`' -. ;-;;,_ - Annapolis. MD
|,4-))-,_. ,\ (`'-' WW Web - http://www.access.digex.net/~michaelk
'---''(_/--' `-'_) michael@baa01285.slip.digex.net

835. Kenwood TS690 - s meter adjust??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: FCFB17A@prodigy.com
Message-ID: <4kpi21$1e88@usenetp1.news.prodigy.com>
Source record: 202715

I have a Kenwood TS690 that has a very stingy s meter. I bought it
new and have had it a couple of years. The receive seems fine though,
just low s meter reading. It does'nt bother me enough to send ot back to
Kenwood though. Does anyone know if it is possible to adjust this myself
by perhaps adjusting one pot without affecting anything else? If so I
would like to know which pot to adjust. I have manual and schematic but
don't know enough to find it without some help. Maybe someone has a
service manual with the info I need. I would appreciate any help. Thanks!
--- Steve N9ROU

836. Re: Using a Measurements Model 59 Grid Dip Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: dlawson@mainelink.net
Message-ID: <4kpjnn$lnb@news.mainelink.net>
Source record: 202716

mikef@microtech.com (Michael A. Fallavollita, Ph.D.) wrote:

>A freind and I just purchased an old Measurements
>(Technology/Instruments) Model 59 grid dip meter. The problem is
>there isn't any documentation with the meter and we don't quite know
>how to use it. The biggest problem is that there isn't anywhere to
>attach the antenna.

>Can someone shed some light on how this thing is supposed to work?
>I'd really appreciate some insight.

> -- Mike Fallavollita
> mikef@microtech.com
i too, have a '59. as the other reply mentioned, what i have is a
connector with 2 turns of 18 awg wire just larger than the coils on
the '59. connect this connector to the antenna coax and bring the
'59's coil to about 1", as you sweep thru the frequency dial, there
will be a pont where the meter will "dip", this is where the antenna
is hogging power from the meter. you'll need to set the "sensitivity"
knob to get the meter about 1/2 way up before you couple to an
antenna. another neat thing to do is to make an l/c circuit (obviously
do the math to see where it should resonate) and see how resonance
works. a valuable tool have a "standard" capacitor, like a 100pf
silver mica, and you can find unknown inductor values by looking for
resonance. the same goes the other way too, standard coil value,
unknown cap value.

837. Re: test message

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: dlawson@mainelink.net
Message-ID: <4kpjvo$lnb@news.mainelink.net>
Source record: 202717

brian@nothing (Brian Kantor) wrote:

>test message - ignore (testing the gateway)
test test ok. i'm ignoring your test message

838. RCA WT - 100A TUBE TESTER WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: l.mclaughlin@popmail.csuohio.edu
Message-ID: <4kpiu4$8ua@csu-b.csuohio.edu>
Source record: 202718

RCA WT-100A and/or Hickok 700 tube tester wanted. Seeking unit in good running condition, needing some repairs or for parts (if I later come across a working unit). Willing to swap for something or please state a fair price for the respective unit. I would prefer swapping something as cash is tight, but I would have to find out what you are looking for -- I may have it. Please indicate if you have manuals, schematics, charts and/or plug-in tube sockets for the respective tube tester.

Kindly, email with details.

Thank you.

Having email problems -- my correct address is:

l.mclaughlin@popmail.csuohio.edu

839. Re: Akaline Disposal

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: dlawson@mainelink.net
Message-ID: <4kpkid$lnb@news.mainelink.net>
Source record: 202719

dnorris@k7no.com wrote:

>las5s@kelvin.seas.Virginia.EDU (Lauren Schiff) wrote:

>>Hello,

>> I am currently researching alkaline
>>disposal/recycling. Our search and rescue team is located in
>>Charlottesville, Virginia.

>> Does anyone have information on alternatives to
>>disposal?

>> Thanks,

>> Lauren

>I have to admit I am intreagued by your post. Alkaline what disposal?
>Batteries? What does this have to do with Search & Rescue? I can see
>it now... You are performing a search/rescue in the mountains but your
>battery dies... Halt. Call it off. "Give a hoot-Don't pollute",
>Back to the base men/women! We must be environmentally/politically
>correct.

> C. Dean Norris
> Amateur Radio Station K7NO
> e-mail to dnorris@k7no.com

they make lovely earrings

840. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr14.003802.27572@ke4zv.atl.ga.us>
Source record: 202720

In article <4koeq0$cv2@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>Why are you guys wasting time arguing terms when the problem is with
>someone's concept of RF circuit behavior? This seems like a Mexican Hat
>dance, or a Snake dance around the real issue. It even snakes all over the
>newsgroups in four or five places at once, like that is necessary!

When the parties disagree on the fundamental meanings of the terms
they are using, no useful discussion can take place until those
differences are resolved. When such basic things as voltage are
an area of misunderstanding, what good does it do to talk about
RF circuit behaviors that very much depend on voltages?

As to the discussion spilling over into multiple groups, I don't know
who first crossposted into the antenna group, but the discussion started,
at least for me, in the equipment group in response to an article about
the behavior of excited coax outer conductors serving as RF chokes, and
that's where I have been replying. Since it is not obvious from which
group a given crosspost emanates, of necessity the responses have to be
crossposted as well.

Since it seems of more relevance exclusively in the antenna group at
this juncture, I have been setting the followup line exclusively to that
group in hopes of isolating the thread there. But replies seem to keep
coming back here crossposted yet again into the equipment group. As far
as I can tell, it has been limited to these two groups, and not to four
or five groups as you have said. What other groups have you seen it in?

Someone does seem to have a penchant for changing the title of the
thread promiscuously, and that has the disturbing tendency to scatter
the topic inside the two mentioned newsgroups. Perhaps if whoever is
doing that could leave the title line alone, we might keep the thread
more coherent.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

841. Re: The Transmitter Chassis (Was MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kps09$68t@crash.microserve.net>
Source record: 202721
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

w8jitom@aol.com (W8JI Tom) wrote:

>Please read what Mike wrote. That's exactly how ANY shield works.
>
>Even the cabinet of the rig works that way.

Except most cabinets have big holes and lots of wires going
in and out. ;)

73,
Jack WB3U

842. Re: FS: O-Scope 100Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: johntrum@netonecom.net
Message-ID: <317058f7.6465825@news.netonecom.net>
Source record: 202722
Cross-posted to: sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

zact@visi.net (David Thomas) wrote:

>I have for sale 3 each 100mhz O-scopes Dual trace no probes asking
>$350.00 each.please email me zact@visi.net
>Email me at zact@visi.net
>
>
>Email me at zact@visi.net
>
>

Dave!!!!!!!!!!!!!!!!!

One time on the send button is enough to get your message sent!! I
got this one 6 times. Calm down.... It'll get here. <VBG>

JohnSon

843. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kq1mh$86j@crash.microserve.net>
Source record: 202723
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

I wrote:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>w8jitom@aol.com (W8JI Tom) writes:
>>>gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>>>>A classic example is a shunt fed grounded base halfwave vertical.
>>>>You have to shunt feed it because the "grounded" end is a very
>>>>high impedance point, just as the top end is.

>>>No, the grounded end is NOT a high impedance point. The highest
>>>impedance point is the top.

>Tom, you've made an error in this statement. Both the top and bottom
>are low impedance points. The bottom is low impedance because it's
>grounded, and the top repeats it.

Looks like I have egg on my face, and not just a little egg, either.
<g> After reading Tom's followups, I decided to go back to the books
to see what I could dig up on 1/2 wave verticals.

My apologies Tom, you were correct. If it's shunt fed in the center,
it behaves like two 1/4 waves. It will have a low impedance at the
bottom and a high impedance at the top. BTW, I also found some
interesting information on J-fed 3/4 wave towers, but that's another
story.

The other thing I discovered is that the 1/2 wave shunt-fed vertical
is in no way a "classic example" of anything other than a 1/2 wave
shunt-fed vertical. Can I suggest that we resolve the issues that are
actually relevant to this thread before moving on to areas like this?

73,
Jack WB3U

844. Re: Attic antenna ideas?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4kpudm$s3d@newsbf02.news.aol.com>
Source record: 202724

i'd move into a bigger apartment, and install a rhombic

845. ICOM 2340H radio wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: mhodges@uceng.uc.edu
Message-ID: <4kpuoq$h7s@uceng.uc.edu>
Source record: 202725
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

Looking for the above mentioned radio. If you have one please e-mail me
at the above address. Thanks.

Mike

846. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kq2lc$85@newsbf02.news.aol.com>
Source record: 202726

Hi Gary,
In article <1996Apr13.222028.26963@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>There's no way you can get around the fact that current goes to zero
>at the open end of an antenna, Jack. There's no place further for it
>to go, it has to stop there and be reflected

That is true Jack. Current goes to zero.

>So, both antennas have a fixed high impedance at the top that cannot
>be changed. Now applying wave reflection theory, that means that 90
>degrees down from the top will be a current maximum/voltage minimum,
>and hence a low impedance point. Has to be, it's the law. Now 180
>degrees down from the top, wave reflection theory tells us we must
>have another current minimum and voltage maximum, a high impedance,
>have to, there's no choice, it's the law.

Not at all. First we have to define what you call impedance at this moment in time. As this snake wanders around I'm not sure what thee definition of the moment is. At first the structure was shunt fed, now I'm not so sure.

If it is the series impedance, Eznec predicts the following at each point given as a percentage of height on a 1/2 wave freespace resonant conductor grounded at one end: 80%=25 -j647, 65%=123 -j813, 50% 2654 -j229, 35% 385 +j694, 20% 309 +j529.

There is no current maximum at the middle unless the antenna is series base fed. In that case it's an insulated tower, not a grounded one. When fed in the middle it will actually have two current maxima offset from the middle. Don't take my word, it's EZ to model on EZnec.

> So the bottom of a halfwave
>vertical is a high impedance. No matter what it is connected to at the
>bottom, it can't supply current to it because it is at a current
>minimum, is a high impedance source, and practically nil current
>can flow. Has to, it has no choice, it's the law.

It must be a private law, because models and long-hand analysis prove otherwise in the case of a grounded base half wave that isn't series fed at or near the bottom.

>So what? There's nothing, repeat nothing, magic about ground (dirt).
>It's just a poor conductor that happens to be large.

Are we using a very lossy media? I thought it was a ground, as in "the base of the antenna is grounded". If it is a connection to a very lossy

media, define it.

>Not just wrong, but dead wrong. Current will be maximum halfway down
>the 1/2-wave antenna, just as the little diagrams in the antenna
>books show it to be, just like they show current to be minimum at
>top and bottom. Has to, can't do anything else, it's the law.

Not if the bottom is grounded. Unless it isn't really grounded, it's two inches deep in dry pure silica.

>And you have made me very happy I'm on this side (impedance at the
>open end of a resonant halfwave antenna low indeed! chortle, snort)
>I'd like to see Tom's face when he reads all this. :-)

Such childish remarks! Does that stuff really help your technical point Gary? Shame on you, you're smart enough to make a point without remarks like that, aren't you?

If the system isn't defined correctly any analysis will be flawed. Define the system.

73 Tom

847. WTB> Ft-990

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.92.960413030016.20493B-100000@freenet3.afn.org>
Source record: 202727

Hi Tom here: I am looking for a Ft-990 in the N. Fla area.
One that I can see in use and can reach a deal on... It is needed
for a HF Gateway in the Gainsvl. area...

So if you have one, an have been thinking about getting a FT-1000MP;
let me know... If your in a 1 hr. or 2 of Gainsville, Fl give me a
call 904-462-7008, there is 24hr voice-mail on that number...

Tnx De Tom KD4QHH

848. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: walt@servelan.co.uk
Message-ID: <4kqaue$5ar@tube.news.pipex.net>
Source record: 202728
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

crow@ovnet.com (Roger Wiseman) wrote:

>hey.., wasn't there a Bob Clary on "Hogan's Heroes????!!!" <<grin>>

Are you sure that wasn't Julian Clary?

:-)))))))))

Regards,

--
Walt Davidson E-mail: walt@servelan.co.uk
100523.1414@compuserve.com

849. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: dalevanbat@aol.com
Message-ID: <4kq5q7$1n2@newsbf02.news.aol.com>
Source record: 202729

Gee, Last time I looked at my Motorola it said Made in Malaysia. Isn't rice grown there too?

850. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4kpocl$ioi@news.ccit.arizona.edu>
Source record: 202730

lmckelp@aol.com (LMcKelp) writes:
>>KMAGLOUGHLIN@delphi.com writes:
>>I am glad Motorola has allowed the overlap of band ranges because it
>>allows me, as a user, the flexability to use first rate equipment and not
>>experience the intermod and other problems that others, who run rice
>powered
>>equipment, constantly complain about.
>>Kevin KA0JQO
>You HAD to start some shit, didn't you? Bragging about your, um,
>technical skills wasn't enough.

Betch'a this is entirely off the topic: I run "Rice Burners" because I can't locate US made toys, I can't afford Motorola (who sneaks in a lot of rice fed stuff anyway!) and if I could afford to buy Motorola I couldn't afford to keep reprogramming it every time I need to do something different in ham radio.

But just let some USA made VHF/UHF radios pop up on the market and I'll trample others getting to the store to buy them!

Chris - N7RME

851. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kqjup$d43@crash.microserve.net>
Source record: 202731
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

The ARRL Antenna Book states that a 1/4 wave feedline (or odd multiple) will minimize antenna currents when "the coupling apparatus is grounded at the transmitter." It further states that "if the transmitter has fairly large capacitance to ground, a system of this length will be effectively detuned for the fundamental and all even harmonics when grounded to the transmitter at the coupling apparatus."

Gary, this contradicts most of your claims relating to shield length and ground. It deserves your comments.

73,
Jack WB3U

852. Virtual Radio Rally - http://ukinternet.com/ham

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: "administrator UKinternet.com" <admin@marks.demon.co.uk>
Message-ID: <829496905snz@marks.demon.co.uk>
Source record: 202732
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

```
The Virtual Radio Rally
Open all hours
Admission Free
Free Bring,n,Buy!
Free Stands!
Talk-In on http://ukinternet.com/ham

**********************************************************
New -
Kanga Products home page - http://ukinternet.com/ham/kanga
**********************************************************

The Virtual Radio Rally is looking for contributors - articles, lists, links
etc.

- Anyone know of a list of UK or US ham rallies ????
--
Regards - Mark Snowdon - G8HLC
administrator UKinternet.com
```

853. DX-70 , TS-50 - IC706 receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: tomg@mail.ramlink.net
Message-ID: <4kquoo$5lu@ram2.ramlink.net>
Source record: 202733

I am looking for comments on the receiver performances of the
small hf transceivers??? Which one has the best receiver? I am
not much concerned about 6 or 2 meters - primarily hf performance.
Which radio has the better sounding receiver characteristics?

854. Re: Request: FM Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: pierretr@sp.rp.collegebdeb.qc.ca
Message-ID: <4kqvqu$3le@wagner.spc.videotron.ca>
Source record: 202734

In <1996Apr10.150048.48027@ucl.ac.uk>, Martin Gilbert <m.gilbert@ucl.ac.uk> writes:
>Hi,
>
>I have what is probably a really easy question, but one that has me
>temporarily stumped. I want to receive a 418 MHz signal from a low
>power transmitter, which is FM modulated by +- 50 kHz.
>
>I need to find a commercially available receiver that can output the
>data as fast as possible - can anyone help me with my problem?
>
>Sorry if this question is out of place, I looked through the
>newsgroups list and this one seemed to be the best place to ask.
>
>Thanks in advance,
>
>Martin Gilbert
>

Well, since ready-made equipment for your needs is quite hard to find, I would think your message is on topic: you will have to adapt what is available. You could start with a FM car radio and a VHF ham band converter like we use for Amateur TV. With a crystal change and a retuning of the front end, you would just have to pick your signal off the FM detector...

Pierre VE2BRD

855. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kr0o4$7pr@newsbf02.news.aol.com>
Source record: 202735

Hi Jack,
In article <4kq1mh$86j@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>My apologies Tom, you were correct. If it's shunt fed in the center,
>it behaves like two 1/4 waves. It will have a low impedance at the
>bottom and a high impedance at the top. BTW, I also found some
>interesting information on J-fed 3/4 wave towers, but that's another
>story.
>
>The other thing I discovered is that the 1/2 wave shunt-fed vertical
>is in no way a "classic example" of anything other than a 1/2 wave
>shunt-fed vertical. Can I suggest that we resolve the issues that are
>actually relevant to this thread before moving on to areas like this?
>
>73,
>Jack WB3U

No need to worry or appologize Jack. You're always disagree in a
non-personal and mature way.

The grounded shunt fed 1/2 wave vertical may be a bit tricky to
understand, but it is also good for proving the point about feedline
lengths. If that antenna is modeled (using a program capable of analyzing
currents at close spacings) you'll see something interesting. When
shunt-fed at a point 1/4 wl above earth the tower has very little current
below the shunt feed wire tie-in point!

If I were going to build a system like that I'd use a skirt for a feed
wire.

Anyway, the very example given by someone to discredit well accepted fact
actually confirms the fact someone was attempting to disprove.

Use a 1/4 wl coaxial feeder to a dipole, and the line will have minimum
parallel line currents (as a general rule). Use a 1/2 wl feeder, and the
line length helps bring the problem right home to the hamshack.

73 Tom

856. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kr0p5$7q6@newsbf02.news.aol.com>
Source record: 202736

Hi Jack,
In article <4kq1mh$86j@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>My apologies Tom, you were correct. If it's shunt fed in the center,
>it behaves like two 1/4 waves. It will have a low impedance at the
>bottom and a high impedance at the top. BTW, I also found some
>interesting information on J-fed 3/4 wave towers, but that's another
>story.
>
>The other thing I discovered is that the 1/2 wave shunt-fed vertical
>is in no way a "classic example" of anything other than a 1/2 wave
>shunt-fed vertical. Can I suggest that we resolve the issues that are
>actually relevant to this thread before moving on to areas like this?
>
>73,
>Jack WB3U

No need to worry or appologize Jack. You're always disagree in a
non-personal and mature way.

The grounded shunt fed 1/2 wave vertical may be a bit tricky to
understand, but it is also good for proving the point about feedline
lengths. If that antenna is modeled (using a program capable of analyzing
currents at close spacings) you'll see something interesting. When
shunt-fed at a point 1/4 wl above earth the tower has very little current
below the shunt feed wire tie-in point!

If I were going to build a system like that I'd use a skirt for a feed
wire.

Anyway, the very example given by someone to discredit well accepted fact
actually confirms the fact someone was attempting to disprove.

Use a 1/4 wl coaxial feeder to a dipole, and the line will have minimum
parallel line currents (as a general rule). Use a 1/2 wl feeder, and the
line length helps bring the problem right home to the hamshack.

73 Tom

857. Re: Kenwood TM-241 expanded TX mod- HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Raymond <raymond@gm0otb.demon.co.uk>
Message-ID: <598888939wnr@gm0otb.demon.co.uk>
Source record: 202737

In article: <4ki3vh$cin@oolong.memphis.edu> Steve Hicks <usdhicks@cc.memphis.edu> writes:
> Path:
gm0otb.demon.co.uk!news.demon.co.uk!dispatch.news.demon.net!demon!btnet!newsfeed.internetmci.com!swrinde!cssun.mathcs.emory.edu!nntp.msstate.edu!news.memphis.edu!news
> From: Steve Hicks <usdhicks@cc.memphis.edu>
> Newsgroups: rec.radio.amateur.equipment
> Subject: Kenwood TM-241 expanded TX mod- HELP!
> Date: 11 Apr 1996 05:05:53 GMT
> Organization: The University of Memphis
> Lines: 13
> Message-ID: <4ki3vh$cin@oolong.memphis.edu>
> NNTP-Posting-Host: wok-51.memphis.edu
>
> Thanks for reading this:
>
> I have a Kenwood TM-241A 2meter rig. I would like to mod it so that I can transmit on local
Civil Defense freq (153 mhz) for Races.
> Everything that I have found on the mod says to put a 1N914 diode on D209 of the board behind the
tone button. The mod worked fine on
> TM-231. But on my TM-241, there is a small black chip located where D209 should go. I have
tried the diode in several other positions
> around there, but none worked.
>
> Does anyone have any ideas? Send any ideas to: usdhicks@cc.memphis.edu
>
> 73 & Thanks
>
> Steven Hicks
>
>
>
KENWOOD TM-214A Expanded RF M/C.

1. Disconnect the power and antenna.
2. Remove the top and bottom cover.
3. Remove all knobs from Front panel.
4. Remove the nut from the mic jack and nut from the channel switch.
5. Remove four screws holding the Front panel.
6. Remove the three screws from the control board.
7. Locate the green jumper wire on the control board.

8. Cut the green jumper and tape the edges to prevent them from shorting.
9. Install chip diode D209 on the control board (Part# MA141A).
10. Reassemble the radio.
11. Reset the microprocessor (Press and hold [MR] while turning on the power).

Hope this help's..... Ray.

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\/ / ----------oOOo---oOOo--
(< | GM0OTB Raymond EMail:- Raymond@gm0otb.demon.co.uk |
\ \ ----------

858. Kenwood MC85 connectors wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4kr7vb$92s@cheatum.frontiernet.net>
Source record: 202738

I am looking for one or more of either the cables, or at least the 7
pin plugs to make up cables for the MC85 mike. E mail replies please,
Bill KB2RMI

859. Want Alinco DR110 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4kr7se$92s@cheatum.frontiernet.net>
Source record: 202739

I am in need of the manual for a DR110, will gladly cover the copy costs, buy an original, or copy and return yours. Email replies please.

860. Re: Yaesu FT-8500 noise?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Peter T Lyman <lyman@cogent.net>
Message-ID: <31712FF5.7813@cogent.net>
Source record: 202740

Jerry...

There is a factory authorized mod for the FT-8500 noise problem...

Yaesu made the mod on my radio for no charge! If I remember, 1 diode, 1 cap, and 1 resistor.

Contact Yaesu at 310-404-2700. Ask for Kevin Karamanos
--

Peter T. Lyman --
| NET: lyman@SpaceSoft.Com TEL: 818-218-6043 |
| NET: lyman@cogent.net FAX: 818-791-5020 |
-- 73 de KK6QP ...-.-

861. ICOM IC-737 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: kmcguirt@atl.mindspring.com
Message-ID: <4krin6$83m@mule1.mindspring.com>
Source record: 202741

Does anyone have any mods for the original ICOM IC-737 (not the 737A)?
Any help would be appreciated.

Thanks,

Kevin McGuirt
KK4AG

862. FS or WTT:Kenwood TH-28a w/acc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Bob Curci <Bob@excaliber.com>
Message-ID: <31714457.624E@excaliber.com>
Source record: 202742

For sale or trade:
Kenwood TH-28A 2m HT w/440 receiver in excellent condition.
Radio is 1yr old.
Comes with 2 7.2v and 1 12v Battery, wall charger, alkaline battery
holder, and boom mic/earpiece with vox/ptt.
Asking $275 plus shipping or trade for Motorola HT600,P200 uhf or
MT1000 uhf(preferred).
E-mail me with what you have.

Bob.

863. MY FIRST HF RADIO/LARGE OR SMALL

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Tom Haley <tomhaley@sundial.net>
Message-ID: <31717F0C.113E@sundial.net>
Source record: 202743

Tom G. Haley wrote:
>
> I Just bought a FT-890. Are their any mods other than tx mod?
> Any firware upgrades?
> Any Yaesu mailing list?
> Any info on this rig would be Welcome!
> I would be "very" interested in hearing some general good and bad
> points of purchasing a physically small versus a normal sized HF
> rig. Any problems you may have had with heat dissapation/frequency
> drift/ability to manipulate the controls for big fingers, etc. I
> have never been in this area of the net before, so if I'm not doing
> something according to Hoyle please be gentle in your rebuke. I will
> be taking and "passing" my General license test prior to the end of
> this year. I'm somewhat interested in the Icom 706 since it has two
> meters and I will have to unload a lot of my stuff to make such an
> expensive purchase. If this seems fool hardy don't be afraid to let
> me know. I will check back Monday for responses. Thanks for the
> input. (Tom Haley, KC4ZVM-ORLANDO, FLORIDA)

864. F/S Shack cleaning

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: FSWF37A@prodigy.com
Message-ID: <4krkas$19po@usenetw1.news.prodigy.com>
Source record: 202744

The listing is from Jerry WA2ZBN

1. Kenwood 820S $700
2. Kenwood 440 All Mode $800
3. Kenwood 2 Meter All Mode $800
4. Henry 2002A 2 Meter Amp.
25w in 850w out $1000
5. Yaesu 757GX with auto tuner $800
6. Hustler Mobile 160-10M $150
7. Kawasaki 3900 Generator 25 Amps
110-220 Volts w/ Meters $1000
8. Ameco PT2 Preamp $150
9. Autek CW audio filter $100
10. Mimic CW paddle on Marble stand $100
11. Drake phone patch $100
12. Mosley Traps $ 10 ea.
13. Electro Voice 630 Mic $ 75
14. Astatic 336L $ 75
15. Electrovoice 664 $100
16. Electrovoice 632 $ 50
17. Argone AR54 Crystal Mic $100
18. Turner Dynamic Mic $100
19. D-104 w/ stand $100
20. Slim X777S Crystal Mike $ 50
21. T32 Antique Mic $100

Call Jerry WA2ZBN at (516) 599-1484
after 6PM only...

Not responsible for typos
Do NOT reply to me, please.....
73, Jim

865. Re: Akaline Disposal

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: rmd@ka4ybr.netmha.com
Message-ID: <4krlv7$188@ka4ybr.netmha.com>
Source record: 202745

In article <4kpkid$lnb@news.mainelink.net>, <dlawson@mainelink.net> wrote:
>dnorris@k7no.com wrote:
>
>>las5s@kelvin.seas.Virginia.EDU (Lauren Schiff) wrote:
>
>>>Hello,
>
>>> I am currently researching alkaline
>>>disposal/recycling. Our search and rescue team is located in
>>>Charlottesville, Virginia.
>
>>> Lauren
>
>
>>I have to admit I am intreagued by your post. Alkaline what disposal?
>>Batteries? What does this have to do with Search & Rescue? I can see
>>it now... You are performing a search/rescue in the mountains but your
>>battery dies... Halt. Call it off. "Give a hoot-Don't pollute",
>>Back to the base men/women! We must be environmentally/politically
>>correct.
>
>
>> C. Dean Norris
>> Amateur Radio Station K7NO
>> e-mail to dnorris@k7no.com
>
>they make lovely earrings
>

It's a valid concern. Alkaline batteries contain a significant
amount of Mercury. I would not be surprised if some of the battery
manufacturers have recycling programs.

At one time radio shack advertised that they would accept
Alkaline batteries for recycling but the store managers
I spoke with knew nothing of the program.

-bob

--
Bob Duckworth Consulting, 960 Ralph McGill Blvd. Atlanta GA 30306-4447
bobs' address is rmd@ka4ybr.netmha.com 404-888-0389(V) 892-2301(FAX)
Buy Sell Trade Surplus Computer Electronics Datacom Telecom since 1981.
Fax or email your list for a fast cash offer. Watch for listserv catalog.

866. PRO-2024 MODS WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: f5mze@worldnet.fr
Message-ID: <4kr5s9$3bs@aldebaran.sct.fr>
Source record: 202746

hi dr om

i ve a realistic scanner pro-2024 and i never found the mods for it

is someone can help me thanks de f5mze@worldnet.fr

867. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kru6j$qf1@crash.microserve.net>
Source record: 202747
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

tomb@lsid.hp.com (Tom Bruhns) wrote:

>But I do have a problem about "potentials attracting" (or repelling)
>each other. It's the charged particles that interact with each other
>through electrostatic and dynamic forces.

Hi Tom,

This terminology is not an uncommon means of viewing and analyzing a circuit. In my case, it's the result of thousands of hours of schematic analysis and equipment troubleshooting. Like others in the field, I have found that this language not only provides a perspective unencumbered by particle theory, it is universally understood.

The process of analyzing and troubleshooting equipment at the component level is not too different from the exercise we have been involved with here. In addition, because the audience is diverse and because particle theory is mostly unnecessary to gaining an understanding of the circuit, I chose this particular wording.

Gary also took exception to my use of this terminology, but for less valid reasons than yours. Because his own statements regarding the circuit were (and continue to be) severely flawed, he chose to shift the focus from the ongoing analysis to terms and definitions. Unfortunately, a review of the "correction" to my statements reveals a set of definitions and explanations that could not possibly be applied without bringing the discussion of shield current to an immediate and chaotic halt. That was, of course, the intended result. Readers left without an understanding of the circuit would remain unable to discern fact from fiction, or more to the point, to associate each with its respective author(s).

As a side note, in the many years that I was involved in equipment service, the worst examples of "butchered" equipment came at the hands of two groups; those with inadequate electronics exposure and experience, and electrical engineers. For the latter, it's my opinion that in many cases their professional skills were geared to finer pursuits, and that simply put, the individual was often unable to see the forest for the trees.

I don't mean to demean the engineering profession with this comment, nor do I mean to stereotype all engineers. I have met many engineers who were expert at both design and failure analysis, as well as those who could do neither. Rather, I only mean to say that the skills each of us acquires are usually most effective when applied to their

intended endeavors.

So it goes with terminology and I maintain that the wording I used was appropriate to both the general audience and the analysis. Any attempt to disassemble the inner workings of the circuit at the particle level is not only unnecessary, but potentially destructive to the purpose of the discussion.

It is hoped that you and others will consider my description in the context of the nature of the discussion at hand, and will not take offense. In all honosty, had this thread been an exercise to acquaint readers with the Artificial Ground or shield currents through particle analysis, I would not have bothered to even get involved. Such a discussion would be far too silly and far too useless to be worth anyone's time or effort. ;)

73,
Jack WB3U

868. IC-2340H & 800-900MHz Receive???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: ccsys@interport.net
Message-ID: <3171759b.3272755@news.interport.net>
Source record: 202748

Has anyone figured out how to get the Icom 2340H to receive on 800 to 950 MHz like the IC-2410H??? The radio (2340H) has the front-end module installed.

Andrew, N2CBU

869. FS: Yaesu FT-10 in new condition

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Josh Pavlovich <jpav@mtnweb.com>
Message-ID: <3171861A.587A@mtnweb.com>
Source record: 202749

I am selling the high power version of the Yaesu FT-10. This is the top of the line with the voice memory chip and all. 99 channels, pl encode and decode, dpl, paging functions. If you want more info email me. I paid $305 for it about a month ago, and have hardly used it. I think I may have charged the battery 4 or 5 times. I prefer to sell it to someone locally, but will ship if necessary. I live near Santa Cruz, so anyone in the SF Bay area is pretty local. Asking price is $290/offer.

Josh
--
jpav@mtnweb.com

870. FS: PK232MBX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4ks3ru$j6r@newsbf02.news.aol.com>
Source record: 202750

Hello,
I am again selling my PK232MBX TNC with the following:

1) PK232MBX TNC "GREAT Condition!"
2) RS232 Cable to run TNC to computer
3) Power Supply 13.8v
4) Empty 8 wire cable for adapting TNC to any radio
5) Manual
6) Software Included
7) Audio plug for adapting to audio output of radio to TNC
8) Extra Cable to run TNC to KENWOOD HF rig if you want it

TNC does RTTY, ASCII, AMTOR, PACTOR, VHF & HF PACKET, and WEFAX capable.

Going price is $200 + shipping
Payment is eithor of two ways......

1) COD = $200 + $10.00 (shipping costs + COD costs) = $210.00
2) Postal Money Order = $200 + $5.00 (shipping) = $205.00

If interested please email me back A.S.A.P. Thanks.... N9MXT1 -
Jeffrey

871. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: parf@aol.com
Message-ID: <4kscj3$mgc@newsbf02.news.aol.com>
Source record: 202751

I heard from Yaesu @Miami that the 746 was awaiting launch of a new AMSAT bird that the 746 had particular capabiliies for (I am not a SAT worker so don't know what these features might be). Then I heard someone else say the same thing. So apparently it has been built. Dealer seem to be discounting the 736R these days also which may signal something.

73 Dale WA2YPY

872. GE MARC-V radios for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Montbach/Bartlett <caspar@tiac.net>
Message-ID: <3171C8F9.2FC9@tiac.net>
Source record: 202752

Hi there. My name is will, and the radio shop I work at has about 25-30 ge MARC-V trunked mobile radios that they want to get rid of. These are all in working condition with a number of mic's and mounting brackets. These radios are GE-STAR trunling format some single system some multi. I do not know if these radios can me made to work talkaround or if they can be moved to the 902-928 mhz amateur band. The asking price is $100 for the multi system and $80 for the single system radios. Quantity discounts can be aranged. This is a cheap way to add extra units to an existing fleet and a great source of parts for any experimenter. Email me or call 617-491-2680 till 10 pm est. tnx, 73, N1PXA

873. Re: MFJ Artificial Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Apr14.232936.117821@kuhub.cc.ukans.edu>
Source record: 202753

"Huh?", I said, scratching my head. "What are these guys talking
about?"

AA4FM

874. Pro-2042

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Greg Ottria <gottria@earthlink.net>
Message-ID: <3171DA86.3641@earthlink.net>
Source record: 202754

Does anybody know where to tap into the 2042 to add a S-meter?

875. Pro-2042

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Greg Ottria <gottria@earthlink.net>
Message-ID: <3171DA97.5755@earthlink.net>
Source record: 202755

Does anybody know where to tap into the 2042 to add a S-meter?

876. IC-970 is it good ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.960415000116.5829A-100000@linux.ea4abb.ampr.org>
Source record: 202756

Hello everybody !!

Someone wants to sell me the IC-970 from ICOM.
I need a radio to go on satellites, but this radio is it good ??
Perhaps the FT-736 or TS-790 are better ???

-- Roberto

Email:ea4abb@ea4rct.clubs.etsit.upm.es | ampr: ea4abb@linux.ea4abb.ampr.org
fidonet: Roberto Munoz 2:341/64.10 | ax25: ea4abb@ea4een.eam.esp.eu
<A HREF="http://www.etsit.upm.es/~rclub">Paginas WEB del Radioclub EA4RCT</A>
********** AND SOON VIA SATELLITE **********

877. Re: Unlawful reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: kc7fbp@ix.netcom.com
Message-ID: <4krr7j$bb@cloner2.ix.netcom.com>
Source record: 202757
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc,alt.radio.scanner,rec.radio.scanner

>>In the USA, it is unlawful to import or manufacture a radio receiver
capable
>>of intercepting cellular telephone frequencies

>>Point # 5 the only folks this law applies to is law enforcement,

I don't know about other manufacturers but ICOM still sells there
receivers without the cellular frequencies blocked, but only to the
government.

I guess it's ok to break the law if your in charge of it?

Jim Mitchell
KC7FBP

878. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Reid Simmons <rsimmons@pop.qtm.net>
Message-ID: <4krh49$rp@news2.qtm.net>
Source record: 202758

Hi Bill;

I know I am late on this thread but I must put in my "two cents".

I have had my Omni VI since they first shipped in the summer of 1992), (yep I am one of the first) and I can whole heartedly say that I LOVE EVERY CUBIC CENIMETER OF IT.

I have been hamming since 1961 and have had a variety of rigs over the years. In the early seventies I went "the way of the Jap rigs" and I can tell you that the fun I had previously enjoyed in Ham Radio declined went away.

The Jap rigs did (and still do) lack engineering quality and true inovation -- i.e. if they can't copy it from us you won't see it in their products.

When I went looking for a new rig in early 1992 Ten Tec had just announced the Omni VI. I decided on the spot that I had to have one. It was the perfect rig -- well thought out (hear me Japs) and not a too many bells and whistles most of which you will never use.

Well when I finally received my Omni VI(there was a waiting period then since demand was so high) I decided that all my Jap stuff had to go "yesterday if not sooner!"

I sold some, gave some away, and since there is not a big market for most Jap stuff, I wound up throwing a lot of it into the trash can!!!

Since I got my Ten Tec Omni VI Ham radio has become FUN again!!!! I have since bought their six meter transverter kit which is also great (better than the kits from Heath) and I can't wait for Ten Tec's next HF offering.

This was my two cents... or was it three!!

Reid NZ8K
rsimmons@qtm.net

879. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Reid Simmons <rsimmons@pop.qtm.net>
Message-ID: <4krh4a$rv@news2.qtm.net>
Source record: 202759

Hi Bill;

I know I am late on this thread but I must put in my "two cents".

I have had my Omni VI since they first shipped in the summer of 1992), (yep I am one of the first) and I can whole heartedly say that I LOVE EVERY CUBIC CENTIMETER OF IT.

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The Jap rigs did (and still do) lack engineering quality and true inovation -- i.e. if they can't copy it from us you won't see it in their products.

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This was my two cents... or was it three!!

Reid NZ8K
rsimmons@qtm.net

880. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Reid Simmons <rsimmons@pop.qtm.net>
Message-ID: <4krh4a$rq@news2.qtm.net>
Source record: 202760

Hi Bill;

I know I am late on this thread but I must put in my "two cents".

I have had my Omni VI since they first shipped in the summer of 1992), (yep I am one of the first) and I can whole heartedly say that I LOVE EVERY CUBIC CENIMETER OF IT.

I have been hamming since 1961 and have had a variety of rigs over the years. In the early seventies I went "the way of the Jap rigs" and I can tell you that the fun I had previously enjoyed in Ham Radio declined went away.

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This was my two cents... or was it three!!

Reid NZ8K
rsimmons@qtm.net

881. 4 Sale Kenwood Dual Bander

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-14 00:00:00 UTC
From: Steve Kendall <steve@osha.igs.net>
Message-ID: <3171254B.52DA@osha.igs.net>
Source record: 202761

Kenwood Dual Bander 4 sale model TM701A
- This radio is in excellent condition and works great
- This radio is complete with box, manual and bracket
Asking price $ 350.00 if interested call steve @ 905-434-7984 or E-mail steve@osha.igs.net

882. Looking for cheap or free sat rx

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Jefferson <cjeffers@luminet.net>
Message-ID: <4kumg3$2bp@clark.zippo.com>
Source record: 202562

Hi,

I'm lloking for a cheap or a free satellite receiver or All-mode
transceiver. I'm a 12 year old licessened ham looking to get started in
HAM Sats. If you have a reasonably priced rig lying around I would
appericate it. You can reply via e-mail or call me at 507-454-6947 after
3

73's from KB0THN Jim
cjeffers@luminet.net
http://www.luminet.net/~cjeffers/

883. Rotor Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Bob Jones <autofl@flauto.com>
Message-ID: <31730213.35F8@flauto.com>
Source record: 202563

looking for a medium duty rotor for a Small tri band Beam
I need a CDR (Hy-Gain) rotor to mount on a push up Mast

please contact me at autofl@flauto.com

Bob Jones
WA4UUE

autofl@flauto.com

884. Help me, IC706 rx pre-amp etc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4kunlq$bnl@oskgw.osk.sony.co.jp>
Source record: 202564

Hi Gary and others:
1) I was looking over the schematics of the IC-706 and was shocked to
see that the pre-amp circuit was not discrete but an NEC upc1658.
(I should have realized that for cost and size restraints ICOM
would have to revert to IC's for efficiency) .I looked up the specs
and was shocked to see that the nf was listed as 2.0 whereas
typical FET tr's used in pre-amps are in the sub 0.5 nf range.
I was wondering if this is just my imagination or misunderstanding
but is a front end amp with an nf of 2.0 going to make my
rx noisey in comparison to a discrete implementation with a lower nf ?
(would the affect only be noticeable on 6m or 2m ? but not at hf ?)

2) I was wondering if anyone has figured out how to hot rod the SSB tx per
formance ? For example in a past QST article outlining how to add an RF
speach processor to an IC-726, would a similar mod be easy to add to the 706 ?
I know it is a tight fit, but has anyone thought of adding an RF speech processor?

3) Has anyone tried using an external RF speech processor, the type that
clips the voice at RF and returns it to baseband audio which is then
inputted to the rig's mic jack ? Since the RF processor should raise
the average RF output, can the 706 handle the increase thermal load on
the finals ? Or is this insignificant ?

4) I don't know if it's just my location's poor background noise situation,
which causes the AGC to act un-necessarily, but I would like to know if there
is a simple mod to defeat the AGC or to change the time constants ?

Peter

885. **BIG overhaul to Ham site-->http://www.csz.com/sarrio.html**

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1504962336320001@host08.cyberg8t.com>
Source record: 202565

I've made a number of major changes to my Ham Web site.

1. Ham Club web page development.
2. New Ham opinion page
3. Review unique Grad-N-Go FieldDay type antenna system.
4. Opening the first Ham Purchasing Club.
5. Our site continues with such favorites as the Free on-line classified ads page.
6. The Ham Poll continues... (only Ham Radio survey on the Web).
7. Great Ham Links continues...
8. and our Discount searchable Ham Catalog.
9. I added HTML Level 3, and Java scripting to the site.
10. I've also added an alternative TEXT ONLY option at our browser selecting front door.

Thanks for taking the time to read this message. If you should visit my site, please e-mail me your opinion on its new design and offerings. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

886. BIG Changes @ Ham Class. site @.http://www.csz.com/sarrio.html

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1504962342130001@host08.cyberg8t.com>
Source record: 202566

I've made a number of major changes to my Ham Web site.

1. Ham Club web page development.
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3. Review unique Grad-N-Go FieldDay type antenna system.
4. Opening the first Ham Purchasing Club.
5. Our site continues with such favorites as the Free on-line classified ads page.
6. The Ham Poll continues... (only Ham Radio survey on the Web).
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8. and our Discount searchable Ham Catalog.
9. I added HTML Level 3, and Java scripting to the site.
10. I've also added an alternative TEXT ONLY option at our browser selecting front door.

Thanks for taking the time to read this message. If you should visit my site, please e-mail me your opinions on its new design and offerings. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

887. FeildDay ant.Reviewed @-->http://www.csz.com/sarrio.html

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1504962348130001@host08.cyberg8t.com>
Source record: 202567

I've made a number of major changes to my Ham Web site.

1. Ham Club web page development.
2. New Ham opinion page
3. Review unique Grad-N-Go FieldDay type antenna system.
4. Opening the first Ham Purchasing Club.
5. Our site continues with such favorites as the Free on-line classified ads page.
6. The Ham Poll continues... (only Ham Radio survey on the Web).
7. Great Ham Links continues...
8. and our Discount searchable Ham Catalog.
9. I added HTML Level 3, and Java scripting to the site.
10. I've also added an alternative TEXT ONLY option at our browser selecting front door.

Thanks for taking the time to read this message. If you should visit my site, please e-mail me your opinions on its new design and offerings. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

888. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDpx8vK.4Hz@netcom.com>
Source record: 202568

In article <4kua0b$66j@tesla.netline.net> burch@netline.net (Burch Akin) writes:
>tswift@attmail.com wrote:
>
>>Dale: Have you heard rumors of a 746R? Tom KD2MF
>
>I talked to a Yaesu employee and he said there were no plans to
>replace the FT-736R in the next two years(this was in January.) He
>said that a new radio would probably be in the works after the Phase
>3-D Sat. has been up in operation for awhile. He also said that the
>FT-736R was has been Yaesu's best selling radio for years, so as long
>as it sells they probably won't change much.

So I guess that means I need to buckle down and figure one thing out:

On the FT736 how do you copy a Memory to VFO? There is a V->M key and
a V<->M key, but no M->V key as far as I can see. Is there a trick to
this I never discovered?

73 Dave WB0GAZ dgf@netcom.com

889. Re: DX-70 , TS-50 - IC706 receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: mamoman@xs1.xs4all.nl
Message-ID: <4ku96e$ctm@news.xs4all.nl>
Source record: 202569

I have the Icom 706 primary use it for HF works great !!!

The only problem is tuning, you have to tune with a Key or set the unit
in AM or FM..

Martin.

Tom (tomg@mail.ramlink.net) wrote:
: I am looking for comments on the receiver performances of the
: small hf transceivers??? Which one has the best receiver? I am
: not much concerned about 6 or 2 meters - primarily hf performance.
: Which radio has the better sounding receiver characteristics?

890. Motorola JT1000 info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: jamesar@ix.netcom.com
Message-ID: <4kscrr$ag6@dfw-ixnews7.ix.netcom.com>
Source record: 202570

From: jamesar@ix.netcom.com (James A)
Subject: Motorola JT1000 info needed
Date: Mon, 15 Apr 1996 02:38:40 GMT
Organization: Netcom
Message-ID: <4kscrr$ag6@dfw-ixnews7.ix.netcom.com>

Does anyone have any tips for field programming the JT1000? I have
been told that some of the "software" programmable features can be
performed via the keypad. I have the programming plug and am able to
program the basics(freq, squelch, dpl, etc), but would like to enable
additional features that the radio's are capable of. My dealer can do
this for me, but I am involved in search and rescue and don't want to
be without my units for an extended period.

If anyone can help, an e-mail would be appreciated. Thanks in advance.

James Allan

891. IC-D1A INFO WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: drleffert@csupomona.edu
Message-ID: <1996Apr15.134747@clstac>
Source record: 202571

From: drleffert@csupomona.edu (Douglas Leffert)
Subject: IC-D1A INFO WANTED
Date: 15 Apr 96 13:47:47 PST
Organization: California State Polytechnic University, Pomona
Message-ID: <1996Apr15.134747@clstac>

HI. I AM LOOKING FOR SOMEONE WITH AN ICOM DELTA 1A. THAT HAS THE MOD DONE.
IF YOU FIT THIS DESCRIPTION PLEASE E-MAIL ME.
TNX & 73'S
DOUG

--
<><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
Doug Leffert
KC6WZU Vice-President, Cal Poly Amateur Radio Club, WA6GYI / / / / /
Club Phone (909) 869-4855 Club Home Page: /--/--/--/--/
http://vms4.sci.csupomona.edu/~rcsyms/cparc.html / / /| / /
e-mail drleffert@csupomona.edu |

892. FS: IC-22A 2meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Bart.Dolega@f668.n115.z1.fidonet.org
Message-ID: <863_9604202005@fmlynet.org>
Source record: 202572

```
I'm Interested !!!!!!!!!
call me at 708-457-1307 !!
PLEASE!!!
as fast as u can !
kb9mla@db0fho.ampr.org
^^^-- or leave e-mail :)
--
|Fidonet: Bart Dolega 1:115/668
|Internet: Bart.Dolega@f668.n115.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.
```

893. Re: Anyone own a Yaesu FT-221R transceiver?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: wdmilner@atcon.com
Message-ID: <4ks8ls$9o4@thor.atcon.com>
Source record: 202669

sba3020@InfoNET.st-johns.nf.ca (Carl Hodder) wrote:

>I am looking for a copy of an owners or service manual for a Yaesu FT-221R
>2 meter all-mode transceiver. Would also like to know the differences between
>the FT-221 and FT-221R.

I have a copy of the service manual for the FT221R but not the owners
manual (unfortunately). I can probably have it copied (if I can talk
my boss into monopolizing the photocopier<g>) it but it would be
quite bulky and might take a bit of time as it is a fair size.

Dean, VE1CBF VE1CBF@VE1CBF.ns.ca
wdmilner@atcon.com FN96VC

- - ... ... - -

894. 2m 3db Base Ant 25+shipping

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Calvin Burnette <N4UTN@gnn.com>
Message-ID: <4kskj5$qfv@news-e2b.gnn.com>
Source record: 202670

Hello All... Cal here..

I have for sale a 2 meter base ant that is new in
the box... bought 2 of them and only using one... SWR
is great and it is easy to mount.. about 6ft long...
no radials sticking out at the bottom... if you are
interested, I will take 25 and you pay the shipping....
Will ship C.O.D. or send check for 30.00
(5 bucks extra for shipping) to:

Calvin Burnette
Rt 1 Box 561-B
Rustburg, VA 24588

73

73, ... Cal, N4UTN@gnn.com
73, ... Cal, N4UTN@gnn.com

895. WTB: Heath APACHE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: rsmall01@aol.com
Message-ID: <4kski8$p7o@newsbf02.news.aol.com>
Source record: 202671

Hello all..

I am seeking a collector quality Apache. This transmitter must be "MINT" (a 9.5-10 throughout) with no significant mods, full output and complete original documentation. I will arrange for pickup or delivery from anywhere in the USA. If you have this unit and are willing to sell it, please CALL COLLECT at 207-767-5143 or EMail: RSmall01@aol.com

Thank you!
Dick N1WJP

896. FS: Midland UHF 70-245AXT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: waltech007@aol.com
Message-ID: <4ksmft$prp@newsbf02.news.aol.com>
Source record: 202672

UHF, Low Split, 16 channel, 2/5 watt, tone board with battery, antenna and belt clip...Unknown battery condition...No Charger...$75.00 shipped COD....
Interested? E-mail Radiotradr@AOL.COM...

897. Re: Crystal Ordering - How?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: toyboat@freenet.edmonton.ab.ca
Message-ID: <4ksuq1$dhr@news.sas.ab.ca>
Source record: 202673

-- Could someone kindly instruct me on how to order amateur radio crystals
for an old homebrew crystal-controlled CW tube transmitter?

The rig in question runs about 30W to the final (6L6), is two-stage,
and has a B+ of 350VDC. The oscillator (6C4) is a Pierce circuit.

I have brochures from two crystal makers, but have never ordered
before. I know that I want an FT-243 mount prferably and that
they must be 80m or 40m crystals of Fundamental frequency. The
rest of the information I am uncertain of.

I basically want crystals that won't be damaged by higher drive
levels that these simpler transmitters used. The description
of these crystals must have been simple in the 40's, 50's, and
60's. Now, however, the info for ordering is:
1) Crystal freq.?
2) Holder type?
3) Tolerance (parts per million)?
4) Series/parallel resonance?
5) Crystal load capacity?
6) Oven or non-oven?

Please e-mail me if you can assist me with a description. If you can
simplify what seems complex, I thank you.

Shane

898. Mods for Yaesu FT-5100, CrossBand Repeating??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: dd650@cleveland.Freenet.Edu
Message-ID: <4kt4us$1tk@madeline.INS.CWRU.Edu>
Source record: 202674

I was surprised to find that the 5100 does not have the same scanning range as the 51r HTs. I would really like to be a ble to scan at least to 470 mhz. Are there any modifications that can be made. Also, I have read the manual several times and am sure I haven't overlooked anything, but is there an undocumented way to get the 5100 to do a cross band repeat, similar to the way the Yaesu 51r does?

Thanks!
Drew Loker
loker@tenet.edu

899. DCI-100 Digital Voice Mail For Ham Radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: dbh_prod@ix.netcom.com
Message-ID: <4ks76r$ogu@reader2.ix.netcom.com>
Source record: 202675

Are there any users out here who have any information on the DCI-100?
This is a pc board for the IBM compatable that can make a voice mail
system for ham radio. I am looking for a software upgrade above 4.0 .
If anyone eles has tricks that they have found and would like to share
with the rest of us please make them public.
If anyone has one out there that they dont want anymore please let me
know.

Jeff "Mark" Jurenka
DBH_Prod ix@netcom.com
(310)392-7307

900. Re: Crystal Ordering - How?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4ktcv5$137r@ns3-1.CC.Lehigh.EDU>
Source record: 202676

In article <4ksuq1$dhr@news.sas.ab.ca>, toyboat@freenet.edmonton.ab.ca () writes
:
>
>
>-- Could someone kindly instruct me on how to order amateur radio crystals
> for an old homebrew crystal-controlled CW tube transmitter?
>
> The rig in question runs about 30W to the final (6L6), is two-stage,
> and has a B+ of 350VDC. The oscillator (6C4) is a Pierce circuit.
>
> I have brochures from two crystal makers, but have never ordered
> before. I know that I want an FT-243 mount prferably and that
> they must be 80m or 40m crystals of Fundamental frequency. The
> rest of the information I am uncertain of.
>
> I basically want crystals that won't be damaged by higher drive
> levels that these simpler transmitters used. The description
> of these crystals must have been simple in the 40's, 50's, and
> 60's. Now, however, the info for ordering is:
> 1) Crystal freq.? Whaterever you choose to operate
> 2) Holder type? FT- 243
> 3) Tolerance (parts per million)? 0.05% Minimum
> 4) Series/parallel resonance? Parallel
> 5) Crystal load capacity? 32pf.
> 6) Oven or non-oven? Non-Oven

Remember that if the rig doubles on a particular band then the operating
frequency of the rig will twice the crystal freq. EG.. if you want to operate
on 20 meters at 14.030Mhz then you will need a crystal frequency of 7.015Mhz.

Good luck es 73's Dick K8WHA
>
> Please e-mail me if you can assist me with a description. If you can
> simplify what seems complex, I thank you.
>
> Shane
>
>
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>
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>

901. TS-850 Control Program?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <3171f21e.33014044@164.119.101.2>
Source record: 202677

Are there any good TS-850 control programs out there? Looking primarily
for DOS apps, but I'm also interested in a good Win program for the future.

73, Gary
mcduffie@hannibal.wncc.cc.ne.us

902. FT530 speaker mic help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: "John A. Sutliff" <sutilff@crd.ge.com>
Message-ID: <4ktjmi$crc@crdnns.crd.ge.com>
Source record: 202678

I recently bought a used FT530 with MH-29 speakermike. How do
you program the user definable key on the mike? I did'nt get a
speakermike manual.

Thanks,
KB2WFW

sutliff@crd.ge.com

903. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4ktl6e$u6@nntpa.cb.att.com>
Source record: 202679
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kp6oh$s93@crash.microserve.net>, jackl@pinetree.microserve.com says...
>
>>jackl@pinetree.microserve.com (WB3U) writes:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>>What you've missed is that current drawn from those two poles is
>>>forced to be equal and opposite by the inherent nature of the fields
>>>inside the coax. Therefore, regardless of the load at the far end
>>>of the coax, the load seen by the transmitter itself is *always*
>>>balanced at both poles. Nothing is attempting to draw more current
>>>from one pole than the other, therefore there is no need for any
>>>"return" current in order to balance the transmitter. **This
>>>condition is satisfied whenever coax is attached to the
>>>transmitter.**
>
>>Ok, so if we believe this,
>
>Gary, if you don't believe that the currents on the inside of the coax
>are forced to be equal and opposite by the internal fields, we can
>stop here. This is one of the basic attributes of coax and you should
>address this issue for yourself post haste.
>

Jack is absolutely right here about the coaxial transmission line. The mathematics of the situation requires the current to be equal and opposite on the inner conductor and inside of the outer conductor. At the load end some sort of impedance is connected between these two points. Part of this impedance could be a path which includes the outside of the coax. This does not upset any fundamental laws or require any other current sources. This can be difficult to visualize, but that doesn't mean we should change electromagnetic theory.

Rob WB8WQA

904. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: crow@ovnet.com
Message-ID: <4ktnta$dc1@news.mountain.net>
Source record: 202680
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

walt@servelan.co.uk (Walt Davidson) wrote:

>crow@ovnet.com (Roger Wiseman) wrote:

>>hey.., wasn't there a Bob Clary on "Hogan's Heroes????!!!" <<grin>>

>Are you sure that wasn't Julian Clary?

No, Walt, it's Robert<Bob> Clary..now he's active in educating about
the holocost. The radio antenna on the show was interesting..a
flagpole..but they did get the grounding system right..a knife switch
connected to the antenna..and the radioman..Kinchloe!(Ivan Dixon) <g>
crow@ovnet.com (Crow(Roger Wiseman))
#(:)o] | Mystie #15126

Guitarist | The Beatles are #1 !!!!! | Jeet Kune Do/Kung Fu stylist @)
"Love is the answer..." John Lennon
" Mind Games" ©1973 Lennon Music/ATV Music Corp./BMI

905. RS-232 Computer Control Interface for your Rig ...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: tony@gcr1.com
Message-ID: <4ktqjv$u4a@tetsuo.communique.net>
Source record: 202681

If you are thinking about using you PC to control
you ham rig check out my page and the FT-736R CAT
section. The unit shown is usable on all rigs that
require a RS-232 to TTL level converter to control
the rig. Kits include all connectors needed for
connection to Kenwood, Yaesu or Icom rigs and as
well as others.

Check it out ...

http://www.gcr1.com/n5gpi/

73,
N5GPI

906. QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4ktr27$5a9@newsbf02.news.aol.com>
Source record: 202682

I was dismayed to see an advertisement for a certain tube "hidden" in an article about an 811A in QST.

Readers beware of cases like this, when the person telling the story makes direct profit from the article's conclusions!

What ever happen to good old fashoned editing to avoid direct connection between an article and the author's wallet??

73 Tom

907. FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Joseph M Zawodny <j.m.zawodny@larc.nasa.gov>
Message-ID: <317275CE.446B@larc.nasa.gov>
Source record: 202683

Hello,

I am considering one of the following for a satellite, packet,
and SSB contesting: FT-736R, TS-790, or IC-820H. Assume that I am only
interested in the 2m and 70cm bands so I don't care about plug in extras
such as additional bands and the like. What are the pro's and cons for
each of these rigs? I will be using these with computer control, what
information can I get FROM the radio via the computer interface? Since
the 820 is rather new, how does the computer interface differ from the
IC-970? Will a program that was designed for use with the IC-970 work
with the IC-820H? I read the QST review of the 820H, but found that it
did not address many of the items mentioned above.

TIA 4 the info.

Joe

--
Work: Dr. Joseph M. Zawodny Play: Joe Zawodny
NASA Langley Research Center KO4LW@amsat.org
E-mail: J.M.Zawodny@LaRC.NASA.gov zawodny@exis.net

908. Re: Virtual Radio Rally - http://ukinternet.com/ham

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <M1uPwPAPxncxEwPS@g6iqm.demon.co.uk>
Source record: 202684
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

In article <829496905snz@marks.demon.co.uk>, "administrator
UKinternet.com" <admin@marks.demon.co.uk> writes
> - Anyone know of a list of UK or US ham rallies ????

Try the HAMBITS page:

http://www.eolas.co.uk/ag/hambits.htm
or
http://www.clearlight.com/~vhfcomm/hambits.htm

Mike

Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
WWW: http://www.eolas.co.uk/ag/vhfcomm.htm (hambits.htm & hamclip.htm)
WWW: http://www.clearlight.com/~vhfcomm
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

909. Good Mic for FT 900?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4ktuvv$f48@solaris.cc.vt.edu>
Source record: 202685

I am using a FT 900 and it is a good performing radio. However, the stock hand mic that comes with the radio can probably be improved. I am using the FSP with an offset of +150 and the mic switched to the number 2 position. This is still not providing the audio I would like for DX'ing (I am not trying to sound "natural" -- I am trying to communicate during marginal conditions). I am wondering if anyone out there has found a really good FT 900/mic combination? In addition how did you get around the mic connector "problem"? I know Yaesu makes a converter cable but it terminates in female 8-pin connector rather than a male 8-pin. I realize this is not big deal and I can make up the necessary conversions. However, I am interested to find out if there are some bright ideas that I have not considered. So, again, your thoughts on great microphones for the FT 900.

Thanks and please respond to me via my email address Buhyoff@vt.edu

73, Greg KN4FR

910. WTD: Sync AM Detector Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: jpll@vectorbd.vivanet.com
Message-ID: <4ktuv8$a7s@vectorbd.vectorbd.com>
Source record: 202686
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

Have a friend that's looking for tech info or references to articles
on Sync. Am Detector's. Mail him direct!: dhk@rfc.comm.harris.com

TIA

-Jim

911. Re: IC-970 is it good ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr15.172744.6313@ke4zv.atl.ga.us>
Source record: 202687

In article <Pine.LNX.3.91.960415000116.5829A-100000@linux.ea4abb.ampr.org>
ea4abb@linux.ea4abb.ampr.ORG (Roberto Munoz (EA4ABB)) writes:
>Someone wants to sell me the IC-970 from ICOM.
>I need a radio to go on satellites, but this radio is it good ??
>Perhaps the FT-736 or TS-790 are better ???

The IC-970 is an *excellent* radio for satellite operation, but it
is usually so expensive that it isn't the most cost effective choice.
If you can get it at a good price (no more than a *new* FT-736R),
however, go for it.

The FT-736R has been the workhorse radio for satellite operation
for a number of years. The design is old, but it is sound, and
the price is reasonable.

The TS-790A should be avoided for satellite use. It has *serious*
design flaws for such usage. Not recomended. It can be Ok for
light duty terrestrial use.

The IC-275H/IC-475H pair offers another *excellent* route to
satellite operation, but again the pair adds up to considerable
money.

The IC-820H may be a suitable candidate as a satellite radio, but
I don't have any first hand experience with it yet, so I can't say
that with assurance. It looks good on paper.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

912. ICOM IC-706 75/80-mtr problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Carl Estey <carl.estey@HBC.Honeywell.com>
Message-ID: <31727A8B.622C@HBC.Honeywell.com>
Source record: 202688

Has anyone noticed reduced RF output on any one band of the IC-706, even into a 50-ohm dummy load? I get only 50 watts out on 75/80-meters and no ALC action. All other bands are fine. The reduced output is independent of the load (antennas and dummy loads all work the same for me on 75-meters - reduced output).

Any suggestions?

73, Carl

--
Carl Estey, Amateur Radio Station WA0CQG
Honeywell Inc., Homes and Building Control, MN10-2518, 1885 Douglas Dr., Golden Valley, MN 55422 (612) 954-6922
E-Mail: carl.estey@HBC.Honeywell.com or wa0cqg@wa0cqg-uhf.ampr.org (TCP/IP)

913. ***** Please help FT-10 Mods needed..*****

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Raymond <raymond@gm0otb.demon.co.uk>
Message-ID: <621726769wnr@gm0otb.demon.co.uk>
Source record: 202689
Cross-posted to: rec.radio.amateur.equipment,alt.radio.amateur.club.clarc,aus.radio.amateur.misc,aus.radio.amateur.wicen,francom.radio_radio,in.ham.radio,rec.radio.amateur.homebrew,rec.radio.amateur.misc,slac.rec.ham_radio,tnn.radio.amateur

Can anyone help,
I have a Yaesu FT10R (b1) and wonder if anyone has any
mods for the radio?.

If you all ready have a FT10 with extended RX could you please

1. Remove the battery pack.
2. Remove the "Ni-cad" sticker (The sticker will peel off with any
damage to itself.)
3. Remove the two screws which secure the keypad.
4. The keypad will now be released from the radio.
5. You will now be able to see the green PCB and Solder pads (H,I,J)
and SMT Chips/Mounts (k,L,M,U,V).
6. Grab a pen and paper and take a note of the position of all the
pads ETC.

Eg. l,M,V are Chiped and Pads H,I are soldered.

7. Reassemble the radio.
8. Please E-mail me DIRECT with your findings..
9. Give yourself a big pat on the back..!! and have a cup of coffee.

Please Remember to E-Mail me DIRECT...

Thanks Ray..

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( < | GM0OTB EMail:- Raymond@gm0otb.demon.co.uk |
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914. Handheld 2-meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: "Greg Fox"
Message-ID: <4ku072$mkq@pico.mega.net>
Source record: 202690

I am new to Ham radio market and I'm looking at getting a handheld 2-meter radio. Can anyone give
me some info on what brands and features I should look for?? I was looking at the Yaesu FT-10R
and FT-11R, any suggestions. Thanks.

-Greg
(gfox@pcshs.com)

915. WEFAX/JVFAX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: eggsmstr@pop3.cris.com
Message-ID: <4ku280$1js@tribune.concentric.net>
Source record: 202691

Good afternoon FOLKS,

I am currently looking to purchase (not construct) an interface for RTTY/WEFAX reception. If any of you great folks would happen to have one lying around the shack, and would like to part with it, I would appreciate it....

73'S

Jeff

EGGSMSTR@POP3.CRIS.COM

Pls reply VIA EMAIL

916. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_829590783@rtfm.mit.edu>
Source record: 202692
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb,
rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet
mailing list counterparts and complements. It is intended to serve as a
guide for the new reader on what to find where. Questions and comments may
be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October
1994 to add the discussion of non-Usenet mailing lists and streamline most
of the history discussion, and to change the moderator information for
rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became
progressively higher. First one by one, and then as part of two
reorganizations, what was once one group became many. In the process,
developments elsewhere on the net were reflected in the groups as they were
created, most notably the change to place all of the ham radio groups in one
hierarchy.

The collection of newsgroups continues to grow as more people join the net,
and as more topics of discussion gain volume, I expect to see more groups be
created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the
notable exception being rec.radio.swap. There are also a few mailing lists
that don't have newsgroups.

The Current Groups
==================

It's important to post messages to the group that's appropriate for them,
and not to the groups that aren't. The whole idea of having different
```

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

917. Kantronics KPC-3/GPS/ $90

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: w3syt@aol.com
Message-ID: <4ku4dt$7s6@newsbf02.news.aol.com>
Source record: 202693

Near new, just got a KAMplus. In box with books & disc.
$90 ppd COD cash UPS.
73, Bob Rockwell, Pittsburgh.

918. DJ180 mod needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: JBallard@ebicom.net
Message-ID: <3172A618.25AC@ebicom.net>
Source record: 202694

I am looking for the mods for the alinco dj-180th to open the tx for search and rescue.

919. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: FCFB17A@prodigy.com
Message-ID: <4ku6mc$1pkq@usenetp1.news.prodigy.com>
Source record: 202695

If you don't want other bands then stay a way from the Yaesu 736 - my experience is they have poor receivers. They overload easily with strong ssb signals. The Kenwood 790 has a better receiver and you can monitor both bands at the same time - you can NOT do that with the 736. I don't know much amout the Icom 820. Kenwood and Yaesu are both overdue for new multimode vhf/uhf rigs. Good luck. --- Steve N9ROU

920. Re: Motorola Amateur radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: sgrgasov@jagor.srce.hr
Message-ID: <4ktr4j$fog@bagan.srce.hr>
Source record: 202696

AA9IS (tbrock@execpc.com) wrote:
: A couple of months ago I saw a couple of aticles indicating that
: Motorola was planning to offer radios built for the Amateur radio market.
: Has anyone heard any more about this?

It can be bought in Croatia. I saw it at local Motorola dealer but don't
know anything else. I'm pretty satisfied with GP300.

--
--Maniac ContactInfo---
mail :sgrgasov@jagor.srce.hr URL: http://jagor.srce.hr/~sgrgasov
phone:098/200-001 IRC:sysop radio:3.6666mhz USB, 27.025mhz AM
001/345-XXX 169.000mhz FM +4.5 CTCSS: 141.3
----------------------------------=GENOCIDE technologies=-------

921. ICOM W21AT manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: guillory@blkbox.com
Message-ID: <4ku896$498@news.blkbox.com>
Source record: 202697

Looking for a replacement manual for my Icom W21AT.

Will pay reasonable copy and mailing costs.

George, KC5HBT
guillory@blkbo.com

922. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Rolfe Tessem <rolfe@ldp.com>
Message-ID: <317291D5.7D55@ldp.com>
Source record: 202698

Parf wrote:
>
> I heard from Yaesu @Miami that the 746 was awaiting launch of a new AMSAT
> bird that the 746 had particular capabiliies for (I am not a SAT worker
> so don't know what these features might be). Then I heard someone else say
> the same thing. So apparently it has been built. Dealer seem to be
> discounting the 736R these days also which may signal something.
^^^^^^^^^^^^^^^^

How about the fact that Oscar 13 is going to splash down in December and will probably become unusable a month or so earlier?

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

923. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: burch@netline.net
Message-ID: <4kua0b$66j@tesla.netline.net>
Source record: 202699

tswift@attmail.com wrote:

>Dale: Have you heard rumors of a 746R? Tom KD2MF

I talked to a Yaesu employee and he said there were no plans to replace the FT-736R in the next two years(this was in January.) He said that a new radio would probably be in the works after the Phase 3-D Sat. has been up in operation for awhile. He also said that the FT-736R was has been Yaesu's best selling radio for years, so as long as it sells they probably won't change much.

KE4ZQV

924. Help with FT736 mod.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Scott Macmillan <scott@golfmike.demon.co.uk>
Message-ID: <HpLuvCApoqcxEw+H@golfmike.demon.co.uk>
Source record: 202700

I have a Yaesu FT736R fitted with the FTS-8 tone squelch unit.

I want to mod the radio so it can switch on other equipment
(such as a tape recorder) when the FTS-8 receives a valid tone,
and opens the squelch.

Someone told me to connect a wire to the front panel 'BUSY'
light, and us a transistor to switch a relay. This is almost what
I want, but the busy light comes on even when the FTS-8 keeps
the squelch closed.

Any ideas?

--
Best 73's
DE Scott - GM7OMU
Glasgow, IO75tv.

925. Re: For Sale:Two week old Yaesu FT10.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: bobr2 <bobr2@xtdl.com>
Message-ID: <4kug3h$80p@news.xtdl.com>
Source record: 202701

Why are you selling this so quickly?

926. Re: MY FIRST HF RADIO/LARGE OR SMALL

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: bobr2 <bobr2@xtdl.com>
Message-ID: <4kugbu$80p@news.xtdl.com>
Source record: 202702

I have the same question. I am looking at getting a MFJ 9040
transceiver. I is a CW 40 meter rig putting out 5 watts. Any comments?

Bob Robbins N1WWV

927. Re: MY FIRST HF RADIO/LARGE OR SMALL

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: bobr2 <bobr2@xtdl.com>
Message-ID: <4kugd9$80p@news.xtdl.com>
Source record: 202703

I have the same question. I am looking at getting a MFJ 9040
transceiver. I is a CW 40 meter rig putting out 5 watts. Any comments?

Bob Robbins N1Tom Haley <tomhaley@sundial.net> wrote:
>Tom G. Haley wrote:
>>
>> I Just bought a FT-890. Are their any mods other than tx mod?
>> Any firware upgrades?
>> Any Yaesu mailing list?
>> Any info on this rig would be Welcome!
>> I would be "very" interested in hearing some general good and bad
>> points of purchasing a physically small versus a normal sized HF
>> rig. Any problems you may have had with heat dissapation/frequency
>> drift/ability to manipulate the controls for big fingers, etc. I
>> have never been in this area of the net before, so if I'm not doing
>> something according to Hoyle please be gentle in your rebuke. I will
>> be taking and "passing" my General license test prior to the end of
>> this year. I'm somewhat interested in the Icom 706 since it has two
>> meters and I will have to unload a lot of my stuff to make such an
>> expensive purchase. If this seems fool hardy don't be afraid to let
>> me know. I will check back Monday for responses. Thanks for the
>> input. (Tom Haley, KC4ZVM-ORLANDO, FLORIDA)
WWV

928. Re: Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: bobr2 <bobr2@xtdl.com>
Message-ID: <4kuglr$80p@news.xtdl.com>
Source record: 202704

Josh Pavlovich <jpav@mtnweb.com> wrote:
>Bill Paul wrote:
>>
>> In article <4k8o6p$ngo@hptemp1.cc.umr.edu>, sdrumm@albert.nuc.umr.edu
>> (Scott Drumm) wrote:
>>
>> > I just recently received my no-code Tech license, and the time has now
>> > come to purchase a radio. I'm looking for a 2m HT that is small and
>> > rugged enough to be carried when backpacking, hunting, hiking, etc.
>> >
>> > Members of the local club recommended the ICOM IC-T22A for $245,
>> > and I was wondering if anyone has had positive/negative experiences
>> > with this particular model and/or company.
>>
>> Nothing but good things to say about mine. Great Rx sensitivity. Extended
>> Rx range. Transmits good sounding audio (according to the people I talk
>> to). The sales man said the user interface was easier on the Kenwood T22,
>> but I didn't have any problems learning the Icom.
>> >
>> > Also, what features should I be looking for in a handheld unit in the
>> > $250-$350 price range? I'm a little vague on what DTMF, coded squelch,
>> > and tone squelch features actually *do*, so any help in that area would
>> > be appreciated.
>> >
>> DTMF (Dual Ton Multiple Freqency) is for creating the tones for dialing
>> telphone numbers, like through an autopatch. Many repaeters have
>> additional controls, like linking to other systems, that can be controlled
>> by DTMF tones. I would venture to say that most, if not all new HTs have
>> DTMF capability.
>>
>> Coded squelch uses those DTMF tones to open up preprogrammed receivers.
>> The receivers will only open the squelch after hearing the tone sequence
>> you've programmed. This can allow many people to use the same simplex
>> frequency without hearing each other (not at the exact same time however).
>> This is popular with commercial radios, but I haven't heard anyone using
>> it in the 2m band. It is an option on many radios.
>>
>> Tone squelch uses a sub-audible tone (aka PL tone) to open the squelch of
>> the receiver. This is something that is used alot in repeater operation. A
>> tone, anywhere from 50 to 300Hz, but usually around 100Hz, is transmitted
>> along with your voice. I don't know if the IC22A can use the tone on it's
>> receive (it has some tone scan feature for figureing out what tone a
>> repeater is using), but it can transmit the tone. I think any new radio
>> can transmit a PL tone.

>>
>> > Thanx for the assist!
>> no problem
>> -BP
>>
>> ---
>> Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com
>> ---
>
>You can get a new Yaesu FT-50, which is a 5 watt dual bander, for that
>price. And it is mil spec rated, the icom is not.
>
>Josh
>--
>jpav@mtnweb.com

I am alwo looking for my first radio. I had an ICOM ICZ1A dual band
suggested to me. This is for sale (New) for $399. But, it is not PC
programmable. Is that a problem.

Bob Robbins N1WWV

929. WTB: Base charger/antenna for ICOM W2A HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: ver65osc@email.sjsu.edu
Message-ID: <ver65osc-1504961401510001@physlab2.sjsu.edu>
Source record: 202705
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I am looking for a base charger BC-72(?) and a antenna (thin one).

Any help greatly appreciated.

KD6CZK ;)

930. Re: Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: mdowning@wahoo.rdatasys.com
Message-ID: <4kui28$5cl@lionfish.rdatasys.com>
Source record: 202706
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Rick (erica.s@worldnet.att.net) wrote:

: What other new kits have they announced? I hadn't heard about the
: 2m to 6m kit?

I called today, and found out that my 20m->6m kit shipped last week.

73 de AC6PN
--Mark

--
Mark A. Downing Relational Data Systems
Phone:(714)263-3899 30 Executive Park, Suite 260
Internet: mdowning@rdatasys.com Irvine, CA 92714

931. FT-10R MARS Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Jimmy Hall <kj5qn@specent.com>
Message-ID: <3172CDC0.51F9@specent.com>
Source record: 202707

Hello,
I am looking for MARS mods for the Yaesu FT-10R Handy???

Jimmy KJ5QN

932. Re: The Transmitter Chassis (Was MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4kunli$s2u@crash.microserve.net>
Source record: 202708
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

It appears that the "Artifical Ground" thread may be about over.
Nevertheless, I wanted to repond to this particular post because it
describes several misconceptions regarding currents in and around
the typical HF transmitter chassis. Sorry I didn't follow up sooner;
it didn't appear on my news server until earlier today.

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>I wrote:

>>First, it was stated in the other discussion that feedline currents
>>radiate because they are unable to enter the transmitter and return
>>to their source. I have disputed this because there are many
>>openings and pathways into the typical transmitter for current
>>flowing on the outer chassis.

>Any shielding that lets RF in, must also let RF out. Now I don't
>know about you, but I'd be real upset with a transmitter that
>leaked a lot of RF into the shack (if it did, I wouldn't *care*
>if RF also came back down the feedline because I'd already have
>a "hot" shack).

Leakage currents around the cabinet generally aren't detectable by
touch. Even significant leakage won't usually cause the symptoms
associated with a "hot" shack. The latter is the result of high RF
voltage, not current. Also, in terms of radiation, the size of the
cabinet is only a small fraction of a wavelength. It would require
an extraordinary amount of current to create notable symptoms.

>So I'd suggest that any leakage either way is going to be minute,
>which implies that the pathway through the shielding is a very high
>impedance.

I don't know what the actual impedance is, but I don't believe it's
very high. It might be a few hundred ohms, but it certainly isn't
thousands of ohms. Like I said before, the evidence of this is that
the appearance of voltage on the cabinet (such as results from common
mode feedline currents) often causes the transmitter to malfunction.
Sometimes this occurs long before the operator is even able to
physically detect the voltage, indicating that even moderate levels of
RF voltage on the cabinet can cause disruptive currents to flow into
the transmitter.

>I deleted the rest of your argument because it is premised on the
>outside of the chassis being at the RF potential of the inside of
>the chassis, which it isn't. If it were, you could take a transmitter

>up in a balloon and draw arcs from either the antenna or the chassis
>since there's no nearby Earth to unbalance it and make the outside of
>the chassis cold. But you can't. The chassis is still cold up there
>far from Earth too.

No, it's not. Measurement from any third point will show the voltage
on the chassis is nearly equal to the voltage at the feedpoint of the
antenna.

>But you *can* draw an arc from the end of *either* leg of a dipole
>fed by that transmitter,

Of course you can. There's an impedance transformation along each leg
that steps the voltage up at the end. Attach a 1/4 wave wire to the
chassis and the same thing will happen.

>showing that both the inner and the *inside* of the outer of the coax
>are hot.

None of this disproves the existence of a current path between the
inner chassis and the cabinet.

73,
Jack WB3U

933. FT-10R MARS Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: Jimmy Hall <kj5qn@clandjop.com>
Message-ID: <3172CF57.79AF@clandjop.com>
Source record: 202709

Hello,
I am looking for the Mars Mods for the Yaesu FT-10R Handy??

Jimmy KJ5QN

934. TR7600 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: paynej1@ct.net
Message-ID: <paynej1.2.001240A0@ct.net>
Source record: 202710

Does anyone have a manual for the Kenwood TR7600? I will pay postage and copy costs.

Thanks! John Payne N4FLJ

935. Re: cellular phones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-15 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-1504961657090001@wpaul-mac.qualcomm.com>
Source record: 202711

In article <4kp0mq$1tau@news-s01.ny.us.ibm.net>, peterg4@ibm.net wrote:

-snip-
> >Big problem #1: The phone's RF section will be optimized to transmit on
> >824 - 849 MHz. If it could be re-tuned to a higher frequency, it would be
> >a very poor performer in the 900 MHz amateur band. You would be better off
> >building your own RF section.
>
> Do you know this for a fact or are you simply guessing? Are you giving up
> before you start???

No, you're right, I'm guessing. Let me re-phrase:

If it could be re-tuned to a higher frequency, it would *probably* be a
very poor performer in the 900 MHz amateur band.

It's not that I'm giving up before I start, but more a matter of what the
author of the original post was after. It sounded to me like he wanted a
easy way to have a scanner or a 900MHz HT, not necessarily a learning
experience. If he was after knowledge of radios, microprocressors, or
mobile telecommunications, then this would be the project to do, as you
have done.

-snip-
> Of course there is a PLL controlled by a micro. Any yes, you will have to
> completely toss the code and do a complete rewrite. But you can salvage
> many subroutines from the old eprom!

You can't universally assume that one can do this. Let's see you get that
data out of a OTP part with the security fuse blown!

-snip-
> I don't get the point. To modify a cell phone to do ANYTHING different is
> an unbelievable learning experience in microcontrollers and equipment
> design. The time you spend may be better spent if all you want is a quick
> radio, but cannot be beat for pure satisfaction and learning.
>
> ..Peter
>
> PS, yes, I have done this.

What make and model have you done this to? I'm actually curious as to what
processor and periphials they used.

I think if you stick around this newsgroup for a while, you'll see quite a
few posts about "What can I do with this cell phone?". Not saying anything
about "jclind@sentex.net", but alot of them are people with a piece of

equipment they don't have the heart to throw away, not necessarily people
that want to learn how a mobile phone works.

I must admit sounding pesimistic about this, but I see it as being practical. :)
-BP

Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com
---

936. FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: zact@visi.net
Message-ID: <4kug6o$n5g@madrid.visi.net>
Source record: 202573
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have a Polarad Microwave signal generator New in the box with
manuals & probes. will sell to first best offer $$$ call John at (804)
340-7685 or e-mail zact@visi.net
Email me at zact@visi.net

937. FS:Microwave Freq. Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: zact@visi.net
Message-ID: <4kug6v$n5g@madrid.visi.net>
Source record: 202574
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

```
for sale EIP model 545 Microwave Frequency Counter 10Hz upto 18 Ghz
reply with best offer $$$$ for more info call (804) 340-7685 or e-mail
zact@visi.net
Email me at zact@visi.net
```

938. FS:100 Mhz O-Scope Dual Trace

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: zact@visi.net
Message-ID: <4kug78$n5g@madrid.visi.net>
Source record: 202575
Cross-posted to:
misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

5 Kikusui COS6100M 100 Mhz, 5-Channel Portable Oscilloscopes. Has up
to
12 traces. 5mv to 5V per division (1 mv with magnifier), 2% accuracy.
Extrememly light (only 21 pounds). Trigger lock allows for stable,
automatic triggering. Can display several lissajous patterns at once.
Meets military specifications. Great scopes, excellent condition.
$350.00 each. Please call Jon Friedman at (804) 340-7685 for more
info.or e-mail zact@visi.net
Email me at zact@visi.net

939. Treasure box of Parts and Equip

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: Mike Zimmerman <Zimmerman5@llnl.gov>
Message-ID: <4kuqts$pmu@lll-winken.llnl.gov>
Source record: 202576

50+ years of amateur radio from the collection of "Dandy" late
grandfather to my brother and sister-in-law who have decided to sell it
all.
If you have any reasonable offer or can help us find the right home for
this equipment, please contact (via e-mail) - RDZimmer@AOL.Com
or myself (poster) - mdz@aimnet.com

Inventory of Radio Tubes, parts,etc.
13 Vintage headsets
Vintage brass radio dial

Model HFT-90 Hifidelity FM tuner (like new)

Wilcox 393A mobile radio Telephone unit
-120 watts input Power
- operator frequency(1642-KC)
- Mobile Gonsit Connector
Gonsit "Clipper" (noise silencer)
BC AR 429 Radio receiver - U.S.Army

6 Transistor Radio Kit - KB72

TEST Equip
Model G-30 PACO - RF signal generator
Triplett Model 321-T DC 0-50 AMP
Triplett Model 327-A DC O-200 MA
Grid Dip Meter

Western Electric 24V model 5040 dynamotor
30th DC motor-Ohio Electric
Electrox Battery Booster -115 AC/6 DC 6 amp

Radio keys
Radio bug

PARTS
A-110 10 x 7x 3 aluminum chassis
100 ft. extension cord
Misc. spools of wire, Romex, copper,etc.
6 ea. - Trans or Radio dials
Coil Master - 9 coils
1 ea.- Junior Coil 40-JVL
1 ea. speaker 6-8" in metal case
2 ea. speakers 10" mounted on board
1 ea. model 900 Volmax -volt ammeter
1 ea. General Electric DC - MA-Meter 0-300 amp 1 Westinghouse

Jefferson Electric Co Luminous tube transformer
capacity 200 VA 115/1200OSecondary/30 MA

5000 Ohms adj. lug resistor -Vitreous
2507 -3 pole-3 Position-non shorting switch
1 ea. - Tuning Condenser 319 Dual spaced
1 ea. - Non shorting Penolic -4 pol-5 POS-PA-1013
2 ea. - Electrolyte condenser WR-8
4 ea. - " " LS-8(8-MFD-45OV)
1 ea. - " " TVA 3456
Misc. heavy duty capacitors, transformers, SM chokes
Lots of dry condensers
1 ea. Capacitor - 4MFD 6000 volts DC
1 ea. Condenser TVA 3443 (30-30-20-MF)
Type I-5 8MFD condensor(450 V)
Type E8-9080 8MFD
6 tuning condensers
7 tuning condensers
890-61c neutralizing condenser
LC-1646-condenser-Tinymite (cap.IMMFD)
Cinema resistance wire kit #200
Plug-in stacked condenser - 75 MMFD
HD Jack bar-(new) 5 jacks Type 3721 (Baxter Williamson)
Relay - Kl5O4 (1115 AC) DPDT5 5 plate cap 360024626 RF Choke
1 ea. - Gammatron 24

RADIO TUBES
Old Glass Tubes- 1 box full aprrox 25
1 Box Contains 2 J811
3 807
4 808
Transmitter Tubes-856-A
866-A (3)
829-B (1)
832-A (2)
1-RCA Electron Tube 6591
1-RCA 30
6-RCA Radiotron 813 1- Taylor Tube 768
3-RCA Electron Tube-58
1- " " "- 57
2- " " " - 41
2 Radio Tube Tung Sol - 75
5- " " " " - 83 V
1-Hytron 83V

GLASS TUBES
RCA Electron tubes: 1-675
2-6G50
2-616G
2-6146
1-6GH8A
1-6CG7

1-6CL6
1-2D21
1-6JCJA
1-6J5GT
1-6A8GT
1-6B6G
2-VT 164
1-VT 112
7-6SK
1-686
1-616 GA
1-6N7G
1-5UNG
4-6AG7
4 - Tung Sol 80
1 - Raytheon 2A5
1 - Radio tube -11727
1 - 35Z3
1 - 35Z5GT
1 - B3GT
1 - 6AF6
1 - 6SA7
1 - 6F6
1 - 666615
2 - 2E26
1 - 6D6
1 - 6C6GT
1 - 5Y4GT
1 - 6C6G
1 - 6AU6
5 - 6AG7
1 - 5OC5
1 - 6BA6
1 - 6U8A
1 - 6X5
1 - 6X4
1 - lG4Gt
1 - lR5
1 - H5GT
2 - 12SK7
1 - 12A6
1 - lB85-Thyrode Counter Tube
1 - lS5
1 - 6B7
2 - 6N7GT
3 - GKR646
2 - 6RC
1 - 6SQ7
2 - 6C5-CT
1 - 5Y3GT

1 - 6J7
1 - 6F6
1 - 6K6GT
1 - 5T4
1 - 6Y36
2 - 6N7G
1 - 12A7
4 - 6N7
2 - CRC 6AC7
6 - CKR 6AC7
1 - CKR 6AC5
11 - 6AG7
1 - 6Y6G
1 - 1619
1 - 6D6
2 - 6V6GT
1 - 6SJ7
1 - 6SJ7GT
1 - 6SN7
1 - JAN CEQ 3B28
1 - JAN CHS 6LCG
3 - 122-247 Tube Socket
2 - CIM Type 15E
1 - 6X2
3 - 6SS7
1 - 8OHDVL - Air Conductor
1 - 3717 "
1 - 3728 "

other misc. items for electrical work
Light switches, etc.

Transformers

940. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: vfiscus@mcn.net
Message-ID: <4kur8k$55p@news.mcn.net>
Source record: 202577
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

In article <317275CE.446B@larc.nasa.gov>,
Joseph M Zawodny <j.m.zawodny@larc.nasa.gov> wrote:
>Hello,
>
> I am considering one of the following for a satellite, packet,
>and SSB contesting: FT-736R, TS-790, or IC-820H. Assume that I am only
>interested in the 2m and 70cm bands so I don't care about plug in extras
>such as additional bands and the like. What are the pro's and cons for
>each of these rigs? I will be using these with computer control, what
>information can I get FROM the radio via the computer interface? Since
>the 820 is rather new, how does the computer interface differ from the
>IC-970? Will a program that was designed for use with the IC-970 work
>with the IC-820H? I read the QST review of the 820H, but found that it
>did not address many of the items mentioned above.
>
> TIA 4 the info.
>
> Joe
>

Hi Joe,

I don't know about the other radio's, but I like the TS-790. The TS-790 could be improved some, but it is some a good radio for satellite.

73 de KB7ADL

941. Re: Unlawful reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: token@owens.ridgecrest.ca.us
Message-ID: <Dpxnsw.L3B@ridgecrest.ca.us>
Source record: 202578
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc,alt.radio.scanner,rec.radio.scanner

Several manufacturers (sp?) still offer there units to the government or agents there-of (read Contractors, Procurement Personel, Vendors, etc).

There are many reasons for this (in addition to the ability to LAWFULLY monitor Cell Freqs. i.e. with a warrant.)

Military Contractors do, every once in a while, try to save the Gov. money by using off-the-shelf parts (or units) in a system design. Why go through the process of designing and building a reciever to cover, say, 30 MHz to about 2 GHz, if that RX is availible for a couple K. This type of RX could be used as a monitor RX for a veriety of things. Could be the heart of an ELINT Sys., could just monitor many different transmitters operating across bands close to the cell freqs.

I use an R7000 at home, and an R7000, R7100 and two R9000's at work. But none of these nice radios can compare to the combination of an AN/WLR-1G, AN/WLR-11, a HP 8365B, and the odd AN/SLQ-32V3. With this combo I can monitor ANY frequency from 15 KHz to about 26 GHz. But I have NEVER intintionally (sp?) listened in on a Cell Call.

And sometimes you may need to be able to detect a given Freq even if you only use that freq as an I.F. and are up- or down-converting to it.

Well I guess there are no answers here only a bit of rambling,

Clear Skys and Low Noise.

Darrell
KD6LRC
E-mail: token@owens.ridgecrest.ca.us

942. Re: MY FIRST HF RADIO/LARGE OR SMALL

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: WAROSTEK@metrolink.net
Message-ID: <3173039e.0@news.metrolink.net>
Source record: 202579

In article <4kugbu$80p@news.xtdl.com>, bobr2@xtdl.com says...
>
>I have the same question. I am looking at getting a MFJ 9040
>transceiver. I is a CW 40 meter rig putting out 5 watts. Any
comments?
>
>Bob Robbins N1WWV
>

QRP is not the best way to enter the hobby. After you've got some experience under your belt, you stand a much better chance of enjoying QRP. I would recommend at least 25 watts. You can pick up some nice buys on 10 meter rigs, used, at hamfests. I've bought two so far, and paid $100 each. Both worked. This time in the solar cycle, 10 meters tends to be fairly dead, so you may want to opt for a lower band. I like the looks of the Scout 555 from Ten Tec, but at $550, it's a little steep, but you get 50 watts output, more than enough to get started. (My first rig was a heathkit DX 60 transmitter, one crystal for 21.150 and about 60-70 watts out. Worked quite nice.)

Another option is an older used rig. Rigs with tube finals can be had fairly cheap. I've still got the Kenwood TS-520 I bought new back in 1979. Very maintainable rig, no special micros that get hard to replace after time. These show up at hamfests for about $250 to $350, and will provide more than 100 watts CW.

If you go looking for used gear, find an older ham to help out. There is no substitute for having owned a rig for several years when looking at used gear.

Just my $0.02

WB4ZUY

943. Marine Quality Amateur radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: tsimpson@iglou.com
Message-ID: <Dpxn1s.KF@iglou.com>
Source record: 202580

I'm looking for a 2meter only OR a dual band 2meter/70cm mobile unit
for a boat that is watertight "built like a marine spec radio", OR
a housing of some sort for a regular mobile unit. Also what kind
of antenna system should I use for it as well ? The boat will only be used
on lakes and maybe a few rivers as well. It has an antenna for the AM/FM
radio in it the goes through the bottom of the hull into the water. Is
this the kind of setup I should use as well ? Any help will be
apprieciated. If you can E-mail me OR if you think anybody else might
be interested in the info just post it here .

Thanks,

Tom Simpson KF4GKW
tsimpson@iglou.com

944. Trade

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: cheply@coastnet.com
Message-ID: <31730c88.1644521@NEWS.COASTNET.COM>
Source record: 202581

I am currently constructing a collection of box schematics,
willing to trade some fer some. E-mail me for more info. on what I've
got. ThanX

945. HOW TO SOLDER THOSE TINY PC BD CONNECTIONS?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: JSE@delphi.com
Message-ID: <4kv57u$h39@news2.delphi.com>
Source record: 202582

.....

I've been away from electronics since I built my first ham station
in the days of Ye Olde Vacuum Tubes. All electronics were easy to
work on when innards were just tubes and wiring.

Now I'm trying to make a few simple repairs inside a handheld
transceiver, and I find that even the tiniest 10 watt tip on
my soldering iron is much too big to heat a tight connection
on the PC board without also heating the connections to the left
and right.

Are special soldering irons available with teeny-tiny tips?
Or do I file down my smallest tip to make it fit into the
necessary spaces?

Thanks for advice or suggestions to the ol' geezer!

jse@delphi.com

.....

946. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4kv847$kj0@newsbf02.news.aol.com>
Source record: 202583

In article <4ktl6e$u6@nntpa.cb.att.com>, rtw@fuwutai.att.com (Rob Whitacre) writes:

>
>Jack is absolutely right here about the coaxial transmission line. The
>mathematics of the situation requires the current to be equal and opposite on
>
>the inner conductor and inside of the outer conductor. At the load end some
>sort of impedance is connected between these two points. Part of this
>impedance could be a path which includes the outside of the coax. This does
>not upset any fundamental laws or require any other current sources. This
>can be difficult to visualize, but that doesn't mean we should change
>electromagnetic theory.
>
>Rob WB8WQA

Another good explaination. Right on Rob!

73 Tom

947. Wanted: Manual for HTX-202 Radio Shack 2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: David Dobrin <au363@lafn.org>
Message-ID: <4kv917$reg@chile.it.earthlink.net>
Source record: 202584

I have recently acquired an HTX-202 HT Sans manual. I am looking for a manual or instruction sheet. I would be happy to pay for copy/mailing fees. I have figured out a lot of the commands, but would like information on the following codes:

os (seems like offset)
Ar
Lb
To (timeout?)
tE
PS
ud
S2
S1
Sd
Sc
Sr
rc
tc

Thanks,

Dave KD6AOF Westchester, CA

948. TO MUCH AUDIO ON MY 229H ICOM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: dd980@FreeNet.Carleton.CA
Message-ID: <4kv3j0$nk9@freenet-news.carleton.ca>
Source record: 202585

I need to find out what pot to turn down on my 229 its distorting a bit.
Any help would be great.

949. Which HF freqencies to add

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: Barry Brazier <barryb@deakin.edu.au>
Message-ID: <4kvbkt$ktt@sol.ccs.deakin.edu.au>
Source record: 202586

I am buying a yacht in the US to sail back to Australia and to save money I was hoping that I could buy a US transever that fitted Australian marine specs. But after talking to the Australian agency it seams that in Australian waters it is not just enough to satify the specs. Each australian boats has to use Hf radios which is "type approved" This mean it must have a stamp on the back detailing AUS approval.They claim that Oz specifications for marine use are different to other counties There's a $10,000 fine for using another radio on marine bands out here.
One option is to buy a second hand marine SSB in the States for use outside and keep my old australian HF for use in australian waters
My old stringray is a crystal tuned SSB.HF with the following freqencies:
2182.,4125,6215,,2524,4483,2201 and radnar chanel 402 (4426/4134).The first three are distress/calling frequ. the next two are yacht race and recreation frequ. and the 2201 and 402 are working ship to shore frequ.s

Are any of these used in US and Pacific waters (I know 2182 is used universally for distress). I can add three more frequ. What would you suggest for some international application (a 6meg radnar chanel?)

Barry

950. Re: Mods for Yaesu FT-5100, CrossBand Repeati

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4l007j$ra3@newsbf02.news.aol.com>
Source record: 202587

Re: crossband repeat. Set up the 2 meter and 440 frequencies that you desire (these can be repeater pairs), set the radio to low power on both bands because of the high duty cycle in repeater type operations, and shut the radio off. While pressing the RPT button, turn the radio on and it will bew in cross band repeat. I recommend getting the PL decoder if you use this function very often as it will help prevent inadvertant keyups.
73 de Mark, WB9BVV

951. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31739A8C.7921@ccsnet.com>
Source record: 202588
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

crum wrote:
>
> Thanks to everyone who replied or posted about ARRL insurance.
> It sounds great. All replies from experienced people were positive;
> besides the followups posted, I got two messages by e-mail from people
> who had processed claims with no trouble.

How many times do I have to read messages from hams that send a
"Thank You" addressed to ALL. When one seeks help and
someone takes the time to respond, the least the receiver of
help can do is send a simple individual reply for thanks. After
all-the respondents to this call for help responded one by one.
I have received up to 75 messages in a call for help and sent
individual thanks to each. It was very time consuming, but it
was the right thing to do.

Would you at your wedding, if you were the groom, get up at the
end of the reception and yell out, "Gee, Thanks everyone for the
gifts?"
If you are a T Y P I C A L ham--absolutely.

It is unlikely you will respond to this if you did not even bother to
respond to someone who H E L P E D you.

952. RFI: Eico 710 Dipper Coils?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <4l05n3$3qg4@lamar.ColoState.EDU>
Source record: 202589
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hello, I have obtained an Eico model 710 Grid Dip Meter, covering
0.4 to 250 MHz, but no coils. Internal inspection reveals three
terminals for the coils, and a small test with a coil of wire didn't
come out too nice.
Anybody have any information on how the various coils are wound or
where to get a copy of a manual?
Trying to dip,
galen, KF0YJ

953. Re: ICOM IC-706 75/80-mtr problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: cjrobins@falcon.eag.unisysgsg.com
Message-ID: <4l03s2$g38@falcon.eag.unisysgsg.com>
Source record: 202590

Carl Estey (carl.estey@HBC.Honeywell.com) wrote:
: Has anyone noticed reduced RF output on any one band of the IC-706, even
: into a 50-ohm dummy load? I get only 50 watts out on 75/80-meters and no
: ALC action. All other bands are fine. The reduced output is independent
: of the load (antennas and dummy loads all work the same for me on
: 75-meters - reduced output).

: Any suggestions?

: 73, Carl
:
: --
: Carl Estey, Amateur Radio Station WA0CQG
: Honeywell Inc., Homes and Building Control, MN10-2518, 1885 Douglas Dr.,
: Golden Valley, MN 55422 (612) 954-6922
: E-Mail: carl.estey@HBC.Honeywell.com or wa0cqg@wa0cqg-uhf.ampr.org
: (TCP/IP)

Carl, I have no ALC action on either 10 or 6 M, but power output is about 90 watts on all HF bands and 6M. In my case, I figured that the overall gain was just pooping out as frequency rose, and there was no excess left to result in ALC action. There were a lot of posts back around Dec-Jan about lack of mike gain and ALC action, and I at first thought I was another victim, but then I found that I had been doing my testing on 10M. When I tried 75, there was plenty of ALC.

I don't think that this helps you a bit. Just my 2 cents.

73, Clair K0CJ

C
By

954. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: k0gh@cris.com
Message-ID: <k0gh-1604961323040001@cnc015044.concentric.net>
Source record: 202591
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

In article <4kur8k$55p@news.mcn.net>, vfiscus@mcn.net (Vince Fiscus,
KB7ADL) wrote:

> In article <317275CE.446B@larc.nasa.gov>,
> Joseph M Zawodny <j.m.zawodny@larc.nasa.gov> wrote:
> >Hello,
> >
> > I am considering one of the following for a satellite, packet,
> >and SSB contesting: FT-736R, TS-790, or IC-820H. Assume that I am only
> >interested in the 2m and 70cm bands so I don't care about plug in extras
> >such as additional bands and the like. What are the pro's and cons for
> >each of these rigs? I will be using these with computer control, what
> >information can I get FROM the radio via the computer interface? Since
> >the 820 is rather new, how does the computer interface differ from the
> >IC-970? Will a program that was designed for use with the IC-970 work
> >with the IC-820H? I read the QST review of the 820H, but found that it
> >did not address many of the items mentioned above.
> >
> > TIA 4 the info.
> >
> > Joe
> >
>
>
> Hi Joe,
>
> I don't know about the other radio's, but I like the TS-790. The TS-790
could
> be improved some, but it is some a good radio for satellite.
>
> 73 de KB7ADL

Joe,

I bought the Ic-820H to use for Satellite work and had a lot of problems with
the interfaces to control the radio's freq., mode, etc. The support from Icom
was not any help. I worked with it for 60 days and finally traded it in on a
new TS-790. I was up and running with full computer control of the radio,
antenna tracking, and Packet TNC in less than a day. I looked at the
FT-736R
but never tried it out. The TS-790 is the oldest of the group, but it does the
job as advertised.

73 from KGH

955. ICOM 28a?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: stellr@smyrna.cc.vt.edu
Message-ID: <4l07v0$3tl@solaris.cc.vt.edu>
Source record: 202592

would like info on an ICOM 28a, thanks.

Ray Stell stellr@vt.edu (703) 231-4109 KE4TJC

"PLEONASM, n. An army of words escorting a corporal of thought."
1911 A. BIERCE

956. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4l024p$1li@news.syspac.com>
Source record: 202593

Reid Simmons <rsimmons@pop.qtm.net> wrote:

>Hi Bill;

>I know I am late on this thread but I must put in my "two cents".

>I have had my Omni VI since they first shipped in the summer of 1992),
>(yep I am one of the first) and I can whole heartedly say that I LOVE
>EVERY CUBIC CENIMETER OF IT.

>I have been hamming since 1961 and have had a variety of rigs over the
>years. In the early seventies I went "the way of the Jap rigs" and I can
>tell you that the fun I had previously enjoyed in Ham Radio declined went
>away.

>The Jap rigs did (and still do) lack engineering quality and true
>inovation -- i.e. if they can't copy it from us you won't see it in their
>products.

Huh???. What radios are you comparing? The first radio I saw from
ten-tec used paper PC boards in the RF section. That is quality??

>When I went looking for a new rig in early 1992 Ten Tec had just
>announced the Omni VI. I decided on the spot that I had to have one. It
>was the perfect rig -- well thought out (hear me Japs) and not a too many
>bells and whistles most of which you will never use.

>Well when I finally received my Omni VI(there was a waiting period then
>since demand was so high) I decided that all my Jap stuff had to go
>"yesterday if not sooner!"

>I sold some, gave some away, and since there is not a big market for most
>Jap stuff, I wound up throwing a lot of it into the trash can!!!

You gotta be kidding. Not a big market. The "yellow" sheets are full
of both FS and WTB every month and never seem to go away. Is this
less than subtle Jap bashing? Next time you want to toss your FT1000
into the trash can cuz u cant sell it, gimme a ring....collect!

>Since I got my Ten Tec Omni VI Ham radio has become FUN again!!!! I have
>since bought their six meter transverter kit which is also great (better
>than the kits from Heath) and I can't wait for Ten Tec's next HF
>offering.

>This was my two cents... or was it three!!

>Reid NZ8K
>rsimmons@qtm.net

C. Dean Norris
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

957. Looking for "AA" battery case for Kenwood TR2600 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: kendall@vt.edu
Message-ID: <kendall-1604961020570001@kendall.enable-sgctr.vt.edu>
Source record: 202594

Does anyone know of a possible source for this battery pack? I'm looking to buy a new rig soon, but want to keep my old 2600 as a secondary/backup radio (the analog meter on top works nice for transmitter hunts). But I don't want to pay $65.00 for a replacement nicad pack (I still have 1 nicad pack in working condition).

Any info would be appreciated. Thanks much.

-- Gary KB4GCF

--
Gary F. Kendall, Programmer/Analyst kendall@vt.edu
Project ENABLE -- the Administrative Systems Initiative
Virginia Tech

958. Address Change N4UTN>S9PLUS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: S9 PLUS <S9PLUS@gnn.com>
Message-ID: <4l0an4$7ua@news-e2b.gnn.com>
Source record: 202595

Date: Tue, 16 Apr 1996 10:11:27
From: S9 PLUS <S9PLUS@gnn.com>
Newsgroups: rec.radio.amateur.equipment
Subject: (Address Change) N4UTN>S9plus

Notice to All,

People that have been emailing me (Calvin Burnette)
N4UTN@gnn.com will notice a change.. my new email is

S9PLUS@gnn.com... please make a note of this... Cal

.... 73 ....Cal, S9PLUS@gnn.com

959. (Address Change) Calvin Burnette

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: S9 PLUS <S9PLUS@gnn.com>
Message-ID: <4l0bbu$83e@news-e2b.gnn.com>
Source record: 202596

Date: Tue, 16 Apr 1996 10:17:17
From: S9 PLUS <S9PLUS@gnn.com>
Newsgroups: rec.ham-radio.swap
Subject: (Address Change) N4UTN>S9PLUS

Date: Tue, 16 Apr 1996 10:11:27
From: S9 PLUS <S9PLUS@gnn.com>
Newsgroups: rec.radio.amateur.equipment
Subject: (Address Change) N4UTN>S9plus

Notice to All,

People that have been emailing me (Calvin Burnette)
N4UTN@gnn.com will notice a change.. my new email is

S9PLUS@gnn.com... please make a note of this... Cal

.... 73 ....Cal, S9PLUS@gnn.com

.... 73 ....Cal, S9PLUS@gnn.com

960. (Address Change) N4UTN>S9PLUS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: S9 PLUS <S9PLUS@gnn.com>
Message-ID: <4l0bdk$83p@news-e2b.gnn.com>
Source record: 202597

Date: Tue, 16 Apr 1996 10:17:17
From: S9 PLUS <S9PLUS@gnn.com>
Newsgroups: rec.ham-radio.swap
Subject: (Address Change) N4UTN>S9PLUS

Date: Tue, 16 Apr 1996 10:11:27
From: S9 PLUS <S9PLUS@gnn.com>
Newsgroups: rec.radio.amateur.equipment
Subject: (Address Change) N4UTN>S9plus

Notice to All,

People that have been emailing me (Calvin Burnette)
N4UTN@gnn.com will notice a change.. my new email is

S9PLUS@gnn.com... please make a note of this... Cal

.... 73 ....Cal, S9PLUS@gnn.com

.... 73 ....Cal, S9PLUS@gnn.com

961. Digital Recording Units for TS870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: Mark Pettigrew <m.w.pettigrew@shu.ac.uk>
Message-ID: <31741FA8.465C@shu.ac.uk>
Source record: 202598

Anyone know if you can use the DRU-2 digital recording unit in the TS870
(for which the manual says it needs a DRU-3)?

Thanks in anticipation

Mark
G0WLR

962. (Address Change) N4UTN>S9PLUS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: S9 PLUS <S9PLUS@gnn.com>
Message-ID: <4l0c15$9iq@news-e2b.gnn.com>
Source record: 202599

Date: Tue, 16 Apr 1996 10:17:17
From: S9 PLUS <S9PLUS@gnn.com>
Newsgroups: rec.ham-radio.swap
Subject: (Address Change) N4UTN>S9PLUS

Date: Tue, 16 Apr 1996 10:11:27
From: S9 PLUS <S9PLUS@gnn.com>
Newsgroups: rec.radio.amateur.equipment
Subject: (Address Change) N4UTN>S9plus

Notice to All,

People that have been emailing me (Calvin Burnette)
N4UTN@gnn.com will notice a change.. my new email is

S9PLUS@gnn.com... please make a note of this... Cal

.... 73 ....Cal, S9PLUS@gnn.com

.... 73 ....Cal, S9PLUS@gnn.com

963. (Address Change) Calvin Burnette

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: S9 PLUS <S9PLUS@gnn.com>
Message-ID: <4l0c2h$9k1@news-e2b.gnn.com>
Source record: 202600

Date: Tue, 16 Apr 1996 10:17:17
From: S9 PLUS <S9PLUS@gnn.com>
Newsgroups: rec.ham-radio.swap
Subject: (Address Change) N4UTN>S9PLUS

Date: Tue, 16 Apr 1996 10:11:27
From: S9 PLUS <S9PLUS@gnn.com>
Newsgroups: rec.radio.amateur.equipment
Subject: (Address Change) N4UTN>S9plus

Notice to All,

People that have been emailing me (Calvin Burnette)
N4UTN@gnn.com will notice a change.. my new email is

S9PLUS@gnn.com... please make a note of this... Cal

.... 73 ....Cal, S9PLUS@gnn.com

.... 73 ....Cal, S9PLUS@gnn.com

964. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4l0anq$6ng@news.aros.net>
Source record: 202601

In article <4ku6mc$1pkq@usenetp1.news.prodigy.com>, FCFB17A@prodigy.com
says...
>
> If you don't want other bands then stay a way from the Yaesu 736 - my
>experience is they have poor receivers. They overload easily with strong
>ssb signals. The Kenwood 790 has a better receiver and you can monitor
>both bands at the same time - you can NOT do that with the 736. I don't
>know much amout the Icom 820. Kenwood and Yaesu are both overdue for new
>multimode vhf/uhf rigs. Good luck. --- Steve N9ROU
>

I Heard Rumors that YAESU is comming out with a new RADIO to replace the
FT736R and it may start hitting the Ham Mags around the last quarter 96.

965. FS: Icom 2GXAT, 2m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: vannossc@ipssmail.sch.ge.com
Message-ID: <4l0d9m$fa6@crdnns.crd.ge.com>
Source record: 202602

For Sale: Icom IC2GXAT 2m HT. Factory new condition. Wall charger, drop-in Mastercharger, UT-49 decoder unit installed, LC-116 carry case. 7 watts power, auto-repeater. More details if requested. Over $425 invested. Purchased 6/1/95. Out of band receive keypad mod.

All packing, manuals, papers.

$275 firm + shipping.

966. Re: ICOM W21AT manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <4l0cha$c0g@ralph.vnet.net>
Source record: 202603

guillory@blkbox.com (George Guillory) wrote:

>Looking for a replacement manual for my Icom W21AT.

>Will pay reasonable copy and mailing costs.

>George, KC5HBT
>guillory@blkbo.com

Hi, George

Send me a SASE big enuff for 81/2x11's and I'll copy it for free.

73,
Gary Pearce KN4AQ
116 Waterfall Ct.
Cary, NC 27513

967. Re: AMP HOOK UP FOR IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4l0dn4$17ig@usenetp1.news.prodigy.com>
Source record: 202604

I use a Yaesu FRB 757 relay to switch my Heath SB201. It wires into the ACC socket to get 12vdc and gnd and then wires to amp jack on amp from relay module.
706 manual has pin out info on page 6 . Pin 2 gnd on relay module pin 8 13.8vdc to relay module. DO NOT WIRE AMP DIRECTLY TO 706. AES Orlando has more info if you call them. I would suggest you confirm this with either AES or ICOM (Gary Fiber)

John WA4BMG

968. Re: Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1604961108360001@m14494-mac.mitre.org>
Source record: 202605
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.misc

> The projected cost figures of the HDTVs are extremely high compared to
> current TVs. I suspect the majority of american families will be unable to
> come up money for the HDTVs.

Don't be too sure. Back in the 1950s, even ordinary TV sets cost around
$700; that's several thousand in 1990s dollars. Even today, lots and lots
of people fork over $2k - $3K for big screen TVs. I even saw an 80 inch
set for over $8000 (awe inspiring experience!). Never underestimate the
value people place on entertainment.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

969. IC-2350H crossband repeat ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: bushnell@hookup.net
Message-ID: <4l0dt5$s9@nic.ott.hookup.net>
Source record: 202606

Hi all,

Does anyone know if the IC-2350H can be used as a crossband repeater? The manual says nothing on this but their is provision made (with an optional module) for external DTMF control of the xceiver.

Thanks

970. Re: FS: O-Scope 100Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4l0h73$umo@chnews.ch.intel.com>
Source record: 202607

In article <4koslu$c28@madrid.visi.net>, David Thomas <zact@visi.net> wrote:
>I have for sale 3 each 100mhz O-scopes Dual trace no probes asking
>$350.00 each.please email me zact@visi.net
>Email me at zact@visi.net

How 'bout everyone email David and tell him to read the FAQ.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

971. FS: M-8000 Decoder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <3173B32E.1267@mail.rust.net>
Source record: 202608

Universal Radio M-8000v5 Communications Terminal/Decoder
for serious HF, VHF/UHF monitoring!

Provides decoding and video output to VGA monitor using
it's own, internal processor! No computer required.

The decoder includes the following capabilities:

Morse Code (CW), Baudot, RTTY, ASCII, Packet, PACTOR, Simplex
Telex Over Radio (SITOR), simplex and duplex ARQ and FEC codes,
PICCOLO code, ACARS, POSAG and GOLAY pager codes, and
Facsimile (FAX) images, and WFAX (Weather FAX)!

Includes VGA Color monitor port, printer port, AUX port,
and two audio source inputs!

This is the latest version currently sold by Universal
Radio! List price: $1,499.00, Discounted at: $1,349.00

I recently lost my job and need some fast cash, will sacrafice
for only: $800.00

Bill Crocker

972. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: weidmane@southwind.net
Message-ID: <4l0hss$evm@opal.southwind.net>
Source record: 202609

poo-boy@mail.freenet.hut.fi (Randie kochals,Toronto CANADA) wrote:

>A aquaintance of mine mentioned that a "Johnson Viking II"
>would make a good first radio for HF. I am not familiar
>with this unit. Can someone give me some input on it?
>I.E. Specs and and expected price for a used unit.

> Any info would be helpful. Thanks!

It is an old AM/CW rig running about 120-watts using 6146's. Very
large and heavy. Built like a tank.

973. Re: Motorola MCX100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-1604961124080001@145.39.1.10>
Source record: 202610

In article <316FF503.2E5A@magic.mb.ca>, Scott Miner <sminer@magic.mb.ca> wrote:

> Hello,
>
> A friend of mine needs a service manual for a Motorola MCX100
> radio. Please contact me if you can help him out.
>
> Thanks,
>
> Scott
> sminer@magic.mb.ca

Has ANYBODY ever thought of checking with the manufacturer before posting here??
There are 14 different manuals and supplements for the MCX100 series (not
counting the user's guides in three different languages). The exact model
number and option features of the radio will determine which manuals your
friend will need. Motorola even has a toll-free number *1-800-422-4210*
for him to call to obtain this information and place an order, usually
shipped same day!
--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do not represent the views of Motorola Inc. **
--
By sending unsolicited commercially-oriented e-mail to this address, the
sender agrees to pay a $100 fee to Motorola Inc for proofreading services.
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

974. Re: The Transmitter Chassis

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: alf@kaiwan.com
Message-ID: <npmSnClg1SWS068yn@kaiwan.com>
Source record: 202611
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

This has been the most educational thread I have seen in a long while.
Keep up the good discussion.

In article <1996Apr10.174106.9593@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> In article <4kcftv$iuo@crash.microserve.net> jackl@pinetree.microserve.com (WB3U)
writes:

[deleted]

> >Now, considering that the AC voltage at the two output terminals of an
> >isolated generator will be equal amplitude and opposite phase, how can
> >the preceding be true? Shouldn't the flange of the connector (and
> >thus the chassis of the transmitter) have the same RF voltage as the
> >center pin? The answer is yes, it should, and if we perform the same
> >test with a solid-state mono *audio* amplifier, we would find that the
> >AF voltages on the chassis and on the "positive" output terminal are
> >in fact nearly identical.
>
> Yes, at *audio* frequencies, where *skin effect* doesn't come into
> play, this is true. But at RF, where skin effect does come strongly
> into play, the signal on the *inside* of the connector shell can't
> get to the outside of the connector shell, or the outside of the
> chassis. The thickness of those parts is several skin depths, so
> their insides and outsides are isolated from each other.
>

With so much talk about skin effect every where I have never seen
a figure being quoted. I firmly believe some figures will put
discussions and understandings in perspective. So here it goes:

THE SKIN DEPTH AT 100 MHZ IS 0.66 uM (MICRON)

The variations due to different material is within an order of
magnitude. If my memory failed me please quote the correct figure.
I think the number is so incredible that everyone should know.

[deleted]

>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | Due to provider problems
> Destructive Testing Systems | we break it. | with previous uucp addresses
> 534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
> Lawrenceville, GA 30244 | |

On some previous posts RF current within the coaxial transmission line
and outside the shield were discussed. The discussion centered on the
effect of line length, particularly at 1/4 wave length and 1/2 wave
length. Doesn't the difference in velocity factors causes the current
maximum/minimum to occur at different location? For RF current within
the coaxial line the V.F. is 66% (or some other number.) For RF
current on the outside shield, due to the skin effect, the entire
cable might just as well as a solid conductor, for which the V.F.
is around 95%. Wouldn't this effect make any difference?

73,

Alfred Lee alf@kaiwan.com
KE6KGV 'The answer is (e^i&#65533; + 1) ? "No" : "Yes"'
Silent keys: KE6LTH, KD6HNU, March 22, 1996

975. Re: WTB Standard C-508A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4l0jpd$1ga$1@mhafn.production.compuserve.com>
Source record: 202612

Beware, they've improved the audio of the later ones in the AM (aircraft) mode. Also, the very latest shipments are unmodifiable for cellular.

976. Re: Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: rkm@scanproj.raster.kodak.com
Message-ID: <4l0msi$p1f@elmgate.raster.Kodak.Com>
Source record: 202613

On 15 Apr 1996 21:56:11 GMT, bobr2 <bobr2@xtdl.com> wrote:
>I am alwo looking for my first radio. I had an ICOM ICZ1A dual band
>suggested to me. This is for sale (New) for $399. But, it is not PC
>programmable. Is that a problem.
>
>Bob Robbins N1WWV

Well, that depends on whether you're planning on carrying a PC
around with you. ;-)

Seriously - PC programmability is a just a gimmick - don't worry
about it unless you have to reprogram dozens of rigs on a regular
basis.

- Rich

977. Re: Johnson Viking II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: phb@syseng1.melpar.esys.com
Message-ID: <phb.829677267@melpar>
Source record: 202614

>>A aquaintance of mine mentioned that a "Johnson Viking II"
>>would make a good first radio for HF. I am not familiar
>>with this unit. Can someone give me some input on it?
>>I.E. Specs and and expected price for a used unit.

>> Any info would be helpful. Thanks!

>It is an old AM/CW rig running about 120-watts using 6146's. Very
>large and heavy. Built like a tank.

Let me elaborate a little (I used to own one):

Johnson Viking II: 160-80-40-20-15-11-10 meters
crystal-controlled (external VFO required)
180 W. DC input on CW
140 W. DC input on AM
2-6146s in the final
2-807s in push-pull in the modulator
cathode-keying of buffer stage
Pi-network output circuit including
rotary inductor

Very large, very heavy. Has multiple crystal sockets with a
selector switch if you haven't got a VFO. Occasionally exhibits
"chirp" on CW on the higher bands unless the oscillator is detuned
slightly (to reduce the effect of the buffer load varying as it's
keyed). AM is full plate modulation, good quality audio; works
very nicely with a D-104 mike.

Hope this helps.

73,

Paul, K4MSG

P.S. This transmitter is early-mid 1950s technology, BTW.

978. For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4l0lkp$kch@itnews.sc.intel.com>
Source record: 202615

Here's a quote from "Guide to the Personal Radio Newsgroups".

"The .equipment group is not the place for buying or selling
equipment; that's what rec.radio.swap is for."

73, Cecil, KG7BK, OOTC (not speaking for my employer)

979. FS: Yaesu FT-530 HT & Accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: rh18@crux4.cit.cornell.edu
Message-ID: <4l0q6l$gnk@tuba.cit.cornell.edu>
Source record: 202616
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

I have for sale my Yaesu FT-530 dual band HT and accompanying accessories. I bought the rig about a month ago, and now decided that I need to get a higher powered base unit. The HT is in PERFECT, like new condition as it has had about 5 hours of use total. I paid the following prices for the unit (new):

(1) Yaesu FT-530 $329
(2) Service Manual $ 20
(3) MH-29 Display Spkr Mic $100
(4) CSC-56 Soft Carry Case $ 23
(5) E-DC-5 Cigarette Adapter $ 26
==========
Total: $498

Considering that the equipment is essentially new, Ill sell the package to the first offer of $399. Ill pay fed-ex shipping overnight to anyone in the US. If you think that this is an unfair price, let me know and we can discuss it.

Thanks,
Ravi Hariprasad

==========
rh18@cornell.edu
Cornell University

980. Re: RFI: Eico 710 Dipper Coils?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr16.190229.11072@ke4zv.atl.ga.us>
Source record: 202617
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <4l05n3$3qg4@lamar.ColoState.EDU> galen@lamar.ColoState.EDU (Watts) writes:
>Hello, I have obtained an Eico model 710 Grid Dip Meter, covering
>0.4 to 250 MHz, but no coils. Internal inspection reveals three
>terminals for the coils, and a small test with a coil of wire didn't
>come out too nice.
>Anybody have any information on how the various coils are wound or
>where to get a copy of a manual?
>Trying to dip,
>galen, KF0YJ

Straining the brain, I seem to recall that dipper uses the Hartley
circuit. So the third wire connection is to a tap near one end of
the coil for feedback excitation. Memory could be faulty, but I
also recall that the highest frequency "coil" is just a loop of
heavy wire formed from a piece of wire about 6 inches long and
plugged into only the two outside pins of the socket. Feedback
in that case must be by circuit strays. I had one of these many
years ago, but sold it and bought a solid state version, a Heath,
a long time ago.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

981. HF to 2m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: Shelby Merrick <smerrick@som-uky.campus.mci.net>
Message-ID: <31740CBE.60EC@som-uky.campus.mci.net>
Source record: 202618

I'm looking for a transverter to go from HF (probably 10m) to 2m. The radio i'm using is a Yaesu FT-757 GXII. It's an allmode all band HF transceiver. Any information would help. Thanks in advance and 73's
KE4AKA
Shelby

982. Sport Headphones that Work!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: an547867@anon.penet.fi
Message-ID: <4l12es$j7m@its.hooked.net>
Source record: 202619

Sport Headphones That Work!

Listening to music while you running used to be impossible. Walkman style ear buds fall out or misalign while jogging or running. Even when properly placed, ear buds don't eliminate road noise and wind. Cranking up the sound to compensate for noise is dangerous.

Radio Partners builds custom ear molds to fit only in your ears. They then use Sony's state of the art Turbo ear buds as speakers. Together you have headphones that block wind/road noise and sound great, even on long runs! They don't dislodge when the wires are pulled.

For more information call Steve Stegman at:
800-321-3364

Or visit our Web Site at:
http://branch.com/rp/rp.htm

Email:
rstegman@ix.netcom.com

Make sure to use reference number: NET.RRAE

983. GE MasterPro Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: mjhayduk@gremlin.GReenville.lib.sc.US
Message-ID: <199604162256.PAA06363@UCSD.EDU>
Source record: 202620

What are you asking for the repeater and please give me a little info
about it.

Thanks and 73,

/\/\att
KE4YCI

MJHAYDUK@gremlin.greenville.lib.sc.us

• WinQwk 2.0b#0 • Unregistered Evaluation Copy

984. FS: UHF Amplifier D1010 Mirage 250 Dollars

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: fmoor@magicnet.net
Message-ID: <4l19um$nbq@comet.magicnet.net>
Source record: 202621

For sale Mirage D1010 with N connectors Firm 250 dollars, Works well, like new condition. 10 watts in 100 watts out. I will pay UPS shipping, Either I send it UPS COD or you send certified funds in advance. Of course cash also works.

Fred Moore
Daytime (800) 432-0488
Evening (407) 851-7490

Orlando Florida.

985. Crystal Oven Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: N4lq@gnn.com
Message-ID: <4l1c8d$m5p@news-e2b.gnn.com>
Source record: 202622

I'm looking for information on crystal ovens. I want a crystal encased in a temperature regulated enclosure. Who manufactures these. Any leads are appreciated.

Steve Ellington N4LQ
N4LQ@GNN.COM
Louisville, Ky

986. MFJ-945D Tuner For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: braymer@InfoAve.NET
Message-ID: <01I3MCD6U8B68WXXBA@InfoAve.Net>
Source record: 202623

For Sale New in the Box never use a MFJ-945D Antenna Tuner
The tuner was got at the Dalton,Ga Hamfest this year. $80.00 Shipped

Email Reply too
Bobby Raymer AD4HL at braymer@InfoAve.Net

987. Need Heathkit Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: bmyers@destin.nfds.net
Message-ID: <4l1b9c$hdh@server.cntfl.com>
Source record: 202624

I am in desperate need of a manual for the Heathkit HW-16.

I recently was given one of these fine rigs, in mint condition, and
would like to have a manual, or a copy of the manual, for it.

Any help is appreciated.

73's

Bill Myers KK4KF
bmyers@destin.nfds.net

988. TH-79A Mods on the keyboard??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: dmcmon@ix.netcom.com
Message-ID: <4l07pg$k07@reader2.ix.netcom.com>
Source record: 202625

I've heard all kinds of rumors that the Kenwood TH-79A has some expanded RF recieve capibilities. I also hear some of them are completed by entering in a code on the keypad.

I have looked into various mods areas but no one has a listing for this keypad mod!!

Any help here!??

Dan

989. WTB Rohn 25 Tower Sections

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: aquaman2@aol.com
Message-ID: <4l1dbh$dt2@newsbf02.news.aol.com>
Source record: 202626

I am intersted in buying some good Rohn 25 tower sections. I f you have any for sale please E-mail at Aquaman2@aol.com.

tnx Mark N9HJV

990. FT-50R info.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: Chuck <csupak@ucla.edu>
Message-ID: <3174546B.105@ucla.edu>
Source record: 202627

Well I held one. It is the same case as the 40 and 10's The radio uses the same batt's and case. The 50 also comes with an unadvertised feature: a game. Just turn it on by pressing MR and power at the same time and there you are. Very neat sounds and moving numbers on the screen. Pause is the Ch knob (push it down) and the game keeps score.

I know of no mods for the 50, yet.

CS

--
Man-Servent Hecubus Fan Club of America.

991. Need Manual for Tek. AA501

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: bb@tisc.com
Message-ID: <4l0vbg$c4i@taxis.corp.titan.com>
Source record: 202628

I have a audio distortion analyzer that needs repair it's a Tektronix
AA501. Tektronix wants a mint to repair it. Where can i find a
manual photo copy or original
Bill KC6YOX

992. 2m 3db base ant 25+ship

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: S9 PLUS <S9PLUS@gnn.com>
Message-ID: <4l1off$rog@news-e2b.gnn.com>
Source record: 202629

Hello All... Cal here..

I have for sale a 2 meter base ant that is new in
the box... bought 2 of them and only using one... SWR
is great and it is easy to mount.. about 6ft long...
no radials sticking out at the bottom... if you are
interested, I will take 25 and you pay the shipping....
Will ship C.O.D. or send check for 30.00
(5 bucks extra for shipping) to:

Calvin Burnette
Rt 1 Box 561-B
Rustburg, VA 24588

..... 73 .....Cal, S9PLUS@gnn.com

993. Help: Knwd TS-711 and Tone Encoder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: <>
Message-ID: <4l15d3$vho@news6.erols.com>
Source record: 202630

I have a TS-711 that I never purchased the TU-5 tone encoder for. But in a world of closed and closing repeaters, I now find I need it. Unfortunately, Kenwood has discontinued this unit.
QUESTION: does anyone have any relevant knowledge experience in substituting one of the existing (e.g., TU-7, TU-8, TSU-5, TSU-6, TSU-7, TSU-8, etc.) units into this radio.
TIA
Rick

994. RE: Mods for FT-901DE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: munga@quicklink.com
Message-ID: <4kvnaj$bjo@news.quicklink.com>
Source record: 202631

I am looking for mods for the FT-901DE. Thanks :)

995. Motorola JT1000 info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: jamesar@ix.netcom.com
Message-ID: <4l0rng$dlu@dfw-ixnews6.ix.netcom.com>
Source record: 202632

From: jamesar@ix.netcom.com (James A)
Subject: Motorola JT1000 info needed
Date: Tue, 16 Apr 1996 19:15:22 GMT
Organization: Netcom
Message-ID: <4l0rng$dlu@dfw-ixnews6.ix.netcom.com>

Does anyone have any tips for field programming the JT1000? I have
been told that some of the "software" programmable features can be
performed via the keypad. I have the programming plug and am able to
program the basics(freq, squelch, dpl, etc), but would like to enable
additional features that the radio's are capable of. My dealer can do
this for me, but I am involved in search and rescue and don't want to
be without my units for an extended period.

If anyone can help, an e-mail would be appreciated. Thanks in advance.

James Allan

BTW, If this posting appears twice in the same NG, it is because I
tried posting this before but I don't think the post ever made it.

996. F.S Ballantine RF Millivoltmeters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-16 00:00:00 UTC
From: rick427@primenet.com
Message-ID: <4l1tdk$m2r@nnrp1.news.primenet.com>
Source record: 202633

For sale: Several Ballantine RF Millivoltmeters 3440A Model 110. Ranges: 3, 10, 30 mv and 0.1, 0.3, 1.0 true RMS volts. Also dBm scales: -40, -30, -20, -10, 0 and +10. With probe and power cord, will guarantee working condition. $125 each, plus shipping (8 pounds).

Richard Walker
rick427@primenet.com

997. Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: stampa@iafrica.com
Message-ID: <N.041796.213855.48@slipper119235.iafrica.com>
Source record: 202512
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner

Is it possible to reprogramme the Pro-43 to scan outside of its
set limits ie, below 68Mhz and above 999Mhz?

998. Antenna Hardware Supplier ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: Steve Dworkin <n2mdq@li.net>
Message-ID: <4l3kla$d6k@linet06.li.net>
Source record: 202513
Cross-posted to: rec.radio.amateur.equipment,li.wanted

I am looking for a supplier of stainless or
galvanized antenna hardware. The U-Bolts and
Saddles seem to be the tough ones.

(Wilson, the company that originally manufactured
the antenna is no longer in existence.)

Please e-mail suggestions to: n2mdq@li.net.

Steve Dworkin, N2MDQ
n2mdq@li.net

999. Re: HOW TO SOLDER THOSE TINY PC BD CONNECTIONS?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <4l3h24$m7g@solaris.cc.vt.edu>
Source record: 202514

In article <4kv57u$h39@news2.delphi.com>, JSE@delphi.com says:

>I've been away from electronics since I built my first ham station
>in the days of Ye Olde Vacuum Tubes. All electronics were easy to
>work on when innards were just tubes and wiring.
>
>Now I'm trying to make a few simple repairs inside a handheld
>transceiver, and I find that even the tiniest 10 watt tip on
>my soldering iron is much too big to heat a tight connection
>on the PC board without also heating the connections to the left
>and right.

This is not necessarily a problem. During manufacture, the whole board went through a soldering machine which melted every connection at once. The element that needs to be controlled precisely is the solder, not so much the heat. If you shake or wipe all loose solder off the tip of the soldering iron, it won't carry enough solder into the workspace to cause bridges. Do get some fine diameter solder though so you can apply tiny amounts under control. Paste (rosin, *not* acid) flux is also very useful to help the solder flow where it's needed in SMD work.

>
>Are special soldering irons available with teeny-tiny tips?
>Or do I file down my smallest tip to make it fit into the
>necessary spaces?

What I use for general fine soldering is a Weller SP-23 (the ordinary pencil-type iron) with a custom tip made of copper wire. Unscrew the tip and put in a #10-32 pan-head screw, then wrap the wire under the screw and tighten it. Bend the wire so it points forward and cut it about 1" long. AWG #10 or #12 wire is best all around, finer sizes won't conduct much heat but can be used on the very tiny SMD "chip" parts.

-Mike KD4QDM

1000. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4l3qf5$mgb@crash.microserve.net>
Source record: 202515

Cecil Moore <cmoore@sedona.intel.com> wrote:

>Maybe we should rename the group
>rec.radio.amateur.equipment-not-for-sale.

What's actually needed is another group, rec.radio.amateur.forsale.

That would make it more obvious to casual users where the ads belong.

73,
Jack WB3U

1001. wanted Mil-DF parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: jbeckett@servtech.com
Message-ID: <31753ce5.316089@news.servtech.com>
Source record: 202516

Wanted: Pieces, parts OE-4/GR (AN/TRQ-23) DF system
Fixed pedestal TG-176/GR
Portable pedestal TG-177/GR
Azimuth indicator IP-740/GR
Receivers R-901, R-902/GR
Antenna Control C-6183/GR
This stuff is 1979 vintage.
Have the large loop- want the rest.

Jim

KD2KU
Corning NY

1002. Re: Ten-Tec 1209 transverter kit: comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: wb6zif@deltanet.com
Message-ID: <4l3s6s$816@zoom2.telepath.com>
Source record: 202517
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I'm interested in the 2m-6m transverter. Any comments on operation?
Is it worth getting? I'm thinking about ordering one.

1003. Manuals For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: braymer@InfoAve.NET
Message-ID: <01I3NOE940SY8WZ32A@InfoAve.Net>
Source record: 202518

```
--====================_829786203==_
Content-Type: text/plain; charset="us-ascii"

Here is the list of manuals i have for sale

--====================_829786203==_
Content-Type: text/plain; charset="us-ascii"
Content-Disposition: attachment; filename="MANUAL.TXT"

Radio Manuals for Sale

I have Three Master II Radio Manuals VHF 150-174 mhz $40.00 each shipped

Motorola Pageboy II Manuals $15.00 each shipped

Motorola Mitrek 406-512mhz manual $40.00 shipped

Motorola Micor manual 25-50mhz vhf $40.00 shipped

Motorola Base and Repeater Station manual $40.00 shipped

Motorola Micor Compa-station manual $40.00 shipped

Motorola Motrek 150-162mhz vhf $40.00 shipped

Motorola MSR-2000 manual $40.00 shipped

Motorola Micor Base and Repeater Station manual $40.00 shipped

Motorola Mitrek 29.7-50mhz manual $40.00 shipped

Rolland Diector Series Master Control Panels manual for
Models MCA100,MCA100A,MCB100,MCB100A $40.00 shipped

Motorola Micor base and Repeater control application manual $40.00 shipped

Motorola Micor FM 132-174mhz manual $40.00 shipped

Motorola MOSTAR FM 800mhz manual $40.00 shipped

Motorola Maxar-80 manual $40.00 shipped

All manuals include shipping,Postal Money Orders Only
NO COD'S

Email too Bobby Raymer braymer@InfoAve.Net

--====================_829786203==_--
```

1004. Re: FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4l3trd$l80@hg.oro.net>
Source record: 202519
Cross-posted to:
misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

zact@visi.net (David Thomas) shared the following priceless pearls of
wisdom:

>I have a Polarad Microwave signal generator New in the box with
>manuals & probes. asking $500.00 OBO call John at (804) 340-7685 or
>e-mail zact@visi.net
>Email me at zact@visi.net

Ummm...since Polarad makes about a dozen or more generators, could you
be a little more specific???

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1/C phone--Cessna 182A N73CQ
rst-engr@oro.net | Commercial/CFI-Airplane/Glider-----A&P Mechanic

1005. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4l44rk$qht@crash.microserve.net>
Source record: 202520
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Grant Youngman <nq5t@gte.net> wrote:

>Audiophiles out to tighten down their screws ... must be a lot
>of loose ones in there. Oh well, fools and their money ....
>
>Personally, I won't be pleased at having to pay several
>hundred bucks for a replacement set of 807 modulator tubes
>for my Viking II ....

Hi Grant,

Perhaps you've never done an A-B test between a tube hi-fi amp and one using transistors? Whether it's due to the tone controls, the softer clipping of tubes or whatever, there is a distinct difference in the quality of the sound.

On the other hand, the benefit of tubes in ham gear is much less tangible. Given the choice between keeping an old Viking II on the air or continuing to enjoy high quality audio, I know what my decision would be. There are cheaper ways to heat a hamshack. ;)

73,
Jack WB3U

1006. Re: Looking for "AA" battery case for Kenwood TR2600 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4l3tr9$l80@hg.oro.net>
Source record: 202521

kendall@vt.edu (Gary F. Kendall) shared the following priceless pearls
of wisdom:

>Does anyone know of a possible source for this battery pack?

Try Ross Distributing in Preston ID. 208/852-0830 I got one for my
2600 about two years ago and seems to me they were about $25 apiece.

Some words of supposed wisdom -- Ross isn't the cheapest in the
country, but always fair and seems to always have what I need. Use
the Rayovac rechargeable alkalines in the battery pack. I'm getting
between 50 and 75 charges out of a set before they go away (they don't
self-discharge like nicads and they have almost the same capacity as a
regular alkaline).

Tell the Ross folks they need to be on the 'net to pick up things like
this -- if I didn't happen to casually spot this, they would have lost
a sale.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1/C phone--Cessna 182A N73CQ
rst-engr@oro.net | Commercial/CFI-Airplane/Glider-----A&P Mechanic

1007. Need Heathkit Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <3175BC5B.6196@worldnet.att.net>
Source record: 202522

Robbie, KO4EE, is looking for a copy of the manual for a Heathkit Capacitor Checker Model IT28. If you can help, please e-mail details to me. Thanks.

Bob K4LXA

1008. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: Bob <w5tkb@airmail.net>
Message-ID: <3175C21C.258A@airmail.net>
Source record: 202523

Tom--
Seems to me to be much ado about nothing! Before I retired, it was common in my company to have sales folks come in and complain about article in trade journal extolling the virtues of a new system just installed from Timbuctu to Swaziland by XYZ Corp. The article covered all of the technical issues involved and how XYZ solved them with their new Slopbucket radio system. What's different? Nothing that I can see if you regard QST as a trade journal. For Svetlana I would assume that's the view. I would chide those who complain and suggest they submit an article. It's great advertising. I'm sure QST would welcome similar inputs from Eimac or whoever. Every construction article (or most at least) have and ad in the notes telling you where to get parts (or EPROMS programmed by Ole Joe's Widget Shop) etc. Again, what's the difference - none in my mind. I think it's neat that someone is still making tubes for all of those 811A sockets -- RCA sure as hell ain't. If Svetlana can make a quality product for less, then power (pardon the pun) to them.
A tempest in a teapot!
Bob W5TKB

1009. WTB Kenwood 130V

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: pgerba@crl.com
Message-ID: <4l4oos$f1t@crl9.crl.com>
Source record: 202524

I'm looking for a 130V

pete
pgerba@crl.com

1010. Portable HF vs. Tabletop HF Transceivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: Mitchell <mitchell@n-jcenter.com>
Message-ID: <4l3q9n$jiu@nj1.n-jcenter.com>
Source record: 202525

I recently acquired my General ticket and am debating on a
good first-time HF rig... Price is important, but features and
quality are also essential. Should I consider a portable,
like an ICOM IC-706, Alinco DX-70T, or a lower priced table
top ICOM or Kenwood. What are some good used models to consider?

mitchell@n-jcenter.com

1011. Re: Sxxx, my FM-25 is Fxxxxx! What to do??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: jrouse@dc.infi.net
Message-ID: <4l5vun$vj2@nw003.infi.net>
Source record: 202526
Cross-posted to: alt.radio.scanner,alt.radio.pirate,aus.radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

This appears to be the idiotic thread that refuses to die!!!

73, John KA3DBN

===
John L. Rouse Packet:ka3dbn@ka3rfe.md.usa.noa
Capital-Gazette Communications Fax: (301) 464-7027
Annapolis, Maryland Voice mail: (301) 262-3700 X200
==========
jrouse@dc.infi.net jrouse@capaccess.org

1012. Re: Marine Quality Amateur radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: johng@yakutat.net.com
Message-ID: <4l3d2b$34o@unet.net.com>
Source record: 202527

In article <Dpxn1s.KF@iglou.com> tsimpson@iglou.com (William Simpson) writes:
>I'm looking for a 2meter only OR a dual band 2meter/70cm mobile unit
>for a boat that is watertight "built like a marine spec radio", OR
>a housing of some sort for a regular mobile unit.

Hmmm. That's a pretty tall order considering most marine radios aren't
built 'watertight "built like a marine spec radio"'. You might have
more luck finding a housing for a standard mobile radio. Though
heat disipation might be a problem.

>Also what kind
>of antenna system should I use for it as well ? The boat will only be used
>on lakes and maybe a few rivers as well. It has an antenna for the AM/FM
>radio in it the goes through the bottom of the hull into the water. Is
>this the kind of setup I should use as well ? Any help will be
>apprieciated. If you can E-mail me OR if you think anybody else might
>be interested in the info just post it here .

I don't really understand what the AM?FM antenna is doing, but I'll tell
you about my experince with a marine antenna. I have a sail boat
with a marine VHF radio (frequencies around 156 MHz). The antenna
for the radio is a base loaded 5/8 wave stainless steel whip. About 3 db,
these whips are used mostly on sailboats where angle of heel is a factor.

I called the maker (Metz) and asked them how it would work on 2 meter
freqs, they said the antenna is so broad banded, it should work fine.
When I had a chance to borrow a friends SWR meter I checked and sure
enough, about 1.5:1 SWR. Good enough!

So that's one option for you, a 3db stainless whip that can double as your
marine VHF antenna. You can get these from West Marine for $32.

>
>Thanks,
>
> Tom Simpson KF4GKW
> tsimpson@iglou.com

--
John Gratton | johng@net.com
Hans Christian 33 "Nakia" | (415)780-5774

1013. Re: RFI: Eico 710 Dipper Coils?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: tomb@lsid.hp.com
Message-ID: <4l353h$172@hpcvsnz.cv.hp.com>
Source record: 202528
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Watts (galen@lamar.ColoState.EDU) wrote:
: Hello, I have obtained an Eico model 710 Grid Dip Meter, covering
: 0.4 to 250 MHz, but no coils. Internal inspection reveals three
: terminals for the coils, and a small test with a coil of wire didn't
: come out too nice.
: Anybody have any information on how the various coils are wound or
: where to get a copy of a manual?

Only the lower frequency coils used all three terminals. I can check
mine out, but as I recall, for all the HF bands only the outer two
terminals are used. Most of the coils are single-layer solenoids on
polystyrene forms the diameter of the pin circle.

--
Cheers,
Tom
tomb@lsid.hp.com

1014. FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: zact@visi.net
Message-ID: <4l1i0r$spd@madrid.visi.net>
Source record: 202634
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have a Polarad Microwave signal generator New in the box with manuals & probes. asking $500.00 OBO call John at (804) 340-7685 or e-mail zact@visi.net
Email me at zact@visi.net

1015. Re: Unlawful reception

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4l1k07$fpe@cc.iu.net>
Source record: 202635
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc,alt.radio.scanner,rec.radio.scanner

In <3172C052.7AFF@rrgroup.com>, Will Flor <willf@rrgroup.com> writes:
>to be. Any TV set sold recently in the US only goes up to Channel 69.
>73 de Will KB9JTT willf@rrgroup.com

yeah, but then go check out the catv coverage...interesting things are found
on the ranges covered by the CATV folks...it's like they passed a law
banning tides. any technically astute person could build a receiver and there's
always the test equipment markets..

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1016. Questions: National High Frequency Receiver - Type NC-100A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: aford@wam.umd.edu
Message-ID: <4l1m3r$a7o@cville-srv.wam.umd.edu>
Source record: 202636

This is the closest group I could find to field these questions to.

My grandfather gave me the radio listed in the subject line. It was made by the National Company of Malden, Mass. circa. 1930-40 or so would be my guess. Does anyone know the approximate value of such an item. (I do not want to sell it; I want to know if it should be insured and if so, for how much. I very much enjoy listening to DX on it.) Also, would there be any way to get a copy of a manual. Fortunately, granddad kept many tubes around for it which he also gave me.

Serious replies to aford@wam.umd.edu would be greatly appreciated.

Thanks,
alan ford
(soon to take my tech class test)

1017. Equipment needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: spete@pdx.oneworld.com
Message-ID: <spete.4.317459B9@pdx.oneworld.com>
Source record: 202637

I am looking for equipment for a small FM radio station at a high school in eastern Oregon

What equipment do I need?
Where could I get the equipment?
Any leads on used equipment to get our students started in the broadcasting business?

e-mail: spete@pdx.oneworld.com
will look back here also

1018. Re: cellular phones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: peterg4@ibm.net
Message-ID: <4l1nom$1lhu@news-s01.ny.us.ibm.net>
Source record: 202638

In <bpaul-1504961657090001@wpaul-mac.qualcomm.com>, bpaul@qualcomm.com (Bill Paul) writes:
>In article <4kp0mq$1tau@news-s01.ny.us.ibm.net>, peterg4@ibm.net wrote:
>
>-snip-
>> >Big problem #1: The phone's RF section will be optimized to transmit on
>> >824 - 849 MHz.
>
>If it could be re-tuned to a higher frequency, it would *probably* be a
>very poor performer in the 900 MHz amateur band.

Without the duplexer, I got less than 3db degradation. Of course, this will
be different for every model. Some units may not run at all or will self-
destruct. But SOME will work without modification!

>It's not that I'm giving up before I start, but more a matter of what the
>author of the original post was after. It sounded to me like he wanted a
>easy way to have a scanner or a 900MHz HT, not necessarily a learning
>experience.

You might be quite right about that... It is not a quickie project, to be sure!

>> But you can salvage many subroutines from the old eprom!
>
>You can't universally assume that one can do this. Let's see you get that
>data out of a OTP part with the security fuse blown!

Every model I played with had a micro and then a separate eprom for the
code storage. The eproms were large, typically 1 mb and sometimes 2 mb
parts, which explains why they are outside the mpu (I know of no micros
with that much internal code space... the die would have to be HUGE).

There are many levels to the protocol, plus the routines for the display,
added to the fact that most every manufacturer uses a high level language
for code development (rather than assembler), that account for the large
amount of space required.

Yes, the security in micros is a pain to bypass. If you are determined, there
are tricks for most processors, although it is easier usually to find a company
that will do it for you (see ad in Nuts & Volts).

>What make and model have you done this to? I'm actually curious as to what
>processor and periphials they used.

I played with a Technophone (Hitachi CPU and 27C010 eprom, don't remember
the model # off hand but it was a metal-cased handheld) and also a Motorola
"brick" 9500XL (surprise... it had a Motorola CPU. I don't remember the exact
variant of the 68K but it had lots of on-board peripherals and did most serious

peripheral communications through high speed serial lines. Also had a 1 meg eprom).

The technophone had a 93C46 eeprom for subscriber data and a prom using only one of its 8 bit width for ESN storage. The Motorola used eeprom in the micro for both data, making it harder to directly change it without program intervention. (the easy way of course was to substitute a new eprom one at a time to output to ports and capture on a logic analyzer the stored data then reprogram it. This was my only phone so I was very careful and got the correct data back by the end of the evening. It was a rather expensive unit when I bought it!).

I still have both CPU databooks that I collected, plus the listings (somewhere-I moved since doing all this) but I think these companies would be very pissed at me if I gave them away or divulged much detailed info.

The peripherals for the display and the hardware for the keypads were unremarkable and done as you would expect. The synthesizer and its programming I never did fully comprehend in either unit, although I was able to find data values that produced out-of-band outputs. I did much more toying with the Technophone as I didn't need to be able to use it afterwards.

>
>I think if you stick around this newsgroup for a while, you'll see quite a
>few posts about "What can I do with this cell phone?". Not saying anything
>about "jclind@sentex.net", but alot of them are people with a piece of
>equipment they don't have the heart to throw away, not necessarily people
>that want to learn how a mobile phone works.
>
>I must admit sounding pesimistic about this, but I see it as being practical. :)

I know, it does seem like a waste to chuck so much technology. I was hopeful that there would be hackers playing with the most popular units and figuring out how to do useful things, and sharing this info.

Instead, all we got were crackers only interested in defrauding cell companies and inconvieniencing customers with cloning.

You're probably right in the long run... engineering is valued too little in this country for there to be a big enough engineer population for cellular-to-ham conversions to be a practical reality.

..Peter

1019. FT-10R MARS Mod Info??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: Jimmy Hall <kj5qn@clandjop.com>
Message-ID: <317485FC.6E71@clandjop.com>
Source record: 202639

Hello,
Does anyone know of any MARS mods for the Yaesu FT-10R Handy??

Jimmy KJ5QN

1020. COLLECTORS MORSE KEY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: marc lurie <marc.lurie@pixie.co.za>
Message-ID: <4l2hum$luj@hawk.pix.za>
Source record: 202640

I HAVE SEVERAL MINIATURE MORSE KEYS AVAILABLE. THEY ARE EX- SOUTH AFRICAN MILITARY, BUT WERE MADE BY JARDILLIER IN FRANCE. COST IS US$ 20.00 + US$ 3.00 FOR AIRMAIL POSTAGE. PAYMENT BY VISA, MASTERCARD OR TELEGRAPHIC TRANSFER. PLEASE SEND CARD NUMBER AND EXPIRATION DATE TO LIEBERMAN AMATEUR RADIO (PTY) LTD AT marc.lurie@pixie.co.za OR FAX AT +27 11 444-0459. IF YOU NEED MORE INFOR, PLEASE CALL MARC AT +27 11 444-0444 (SOUTH AFRICA IS 2 HOURS AHEAD OF UTC)

REGARDS ES '73
DE ZS6HZ

1021. Re: AMP HOOK UP FOR IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l21dt$m0q@newsbf02.news.aol.com>
Source record: 202641

In article <4l0dn4$17ig@usenetp1.news.prodigy.com>, BSDS13A@prodigy.com (John Furlow) writes:

>I use a Yaesu FRB 757 relay to switch my Heath SB201. It wires into the
>ACC socket to get 12vdc and gnd and then wires to amp jack on amp from
>relay module.
>706 manual has pin out info on page 6 . Pin 2 gnd on relay module pin 8
>13.8vdc to relay module. DO NOT WIRE AMP DIRECTLY TO 706. AES Orlando has

>more info if you call them. I would suggest you confirm this with either
>AES or ICOM (Gary Fiber)
>
>John WA4BMG

Be careful because the Yaesu relay may even exceeed the 706's ratings. 20 mA is the maximum current and no voltage is given.

What is the current of the Yaesu relay?

73 Tom

1022. Re: Good Mic for FT 900?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: psikes@whidbey.net
Message-ID: <4l29fm$ldj@whidbey.whidbey.com>
Source record: 202642

"Gregory J. Buhyoff" <buhyoff@vt.edu> wrote:

>I am using a FT 900 and it is a good performing radio. However, the stock hand mic
>that comes with the radio can probably be improved. I am using the FSP with an
>offset of +150 and the mic switched to the number 2 position. This is still not
>providing the audio I would like for DX'ing (I am not trying to sound "natural" --
>I am trying to communicate during marginal conditions). I am wondering if anyone
>out there has found a really good FT 900/mic combination? In addition how did you
>get around the mic connector "problem"? I know Yaesu makes a converter cable but it
>terminates in female 8-pin connector rather than a male 8-pin. I realize this is
>not big deal and I can make up the necessary conversions. However, I am interested
>to find out if there are some bright ideas that I have not considered. So, again,
>your thoughts on great microphones for the FT 900.

>Thanks and please respond to me via my email address Buhyoff@vt.edu

>73, Greg KN4FR

Hi Greg, I am using both the Heil ProSet with HC-4 cartridge and the
Yaesu MD-1C8 desk mike with my FT900. Both work very well with the
rig. To use the desk mike I bought an adapter cable from HRO. The
ProSet comes with your choice of adapters for different rigs. The
Heil/HC-4 combination sounds like what you may be interested in. Lots
of punch for these marginal times.

73, Phil - KJ7NS

1023. Re: The Transmitter Chassis

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4l2fcs$90o@crash.microserve.net>
Source record: 202643
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

alf@kaiwan.com (Alfred Lee) wrote:

>On some previous posts RF current within the coaxial transmission
>line and outside the shield were discussed. The discussion centered
>on the effect of line length, particularly at 1/4 wave length and 1/2
>wave length. Doesn't the difference in velocity factors causes the
>current maximum/minimum to occur at different location? For RF
>current within the coaxial line the V.F. is 66% (or some other
>number.) For RF current on the outside shield, due to the skin
>effect, the entire cable might just as well as a solid conductor, for
>which the V.F. is around 95%. Wouldn't this effect make any
>difference?

Hi Al,

That was discussed during an earlier part of the "MFJ Artifical
Ground" thread. For purposes of calculating the length of the outer
shield, 95% will probably come close. Velocity factor inside the coax
obviously prevents the same length of cable from acting as a half
wavelength internally and externally simultaneously.

Of course, the alternative to all this is to use a balun. If the
antenna will be resonant, the coaxial-coil type that Tom (W8JI) often
recommends will do an excellent job.

73,
Jack WB3U

1024. Re: Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4l2fds$90o@crash.microserve.net>
Source record: 202644
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.misc

mwhite@mitre.org (Michael White) wrote:

>>The projected cost figures of the HDTVs are extremely high
>>compared to current TVs. I suspect the majority of american
>>families will be unable to come up money for the HDTVs.

>Don't be too sure. Back in the 1950s, even ordinary TV sets cost
>around $700; that's several thousand in 1990s dollars. Even today,
>lots and lots of people fork over $2k - $3K for big screen TVs. I
>even saw an 80 inch set for over $8000 (awe inspiring experience!).
>Never underestimate the value people place on entertainment.

This reminds me of an editorial in one of the prominent Hi-Fi
magazines back in the early 80's. The editor claimed that the cost of
components and production of the medium itself would prevent *CD's*
from ever becoming a household item. Sure wish I still had a copy of
that article. <g>

73,
Jack WB3U

1025. Re: The Transmitter Chassis

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l2dho$q19@newsbf02.news.aol.com>
Source record: 202645

In article <npmSnClg1SWS068yn@kaiwan.com>, alf@kaiwan.com (Alfred Lee)
writes:

>>
>> Yes, at *audio* frequencies, where *skin effect* doesn't come into
>> play, this is true. But at RF, where skin effect does come strongly
>> into play, the signal on the *inside* of the connector shell can't
>> get to the outside of the connector shell, or the outside of the
>> chassis. The thickness of those parts is several skin depths, so
>> their insides and outsides are isolated from each other.

The insides and outsides are only isolated if there is a equal and
opposite current involved. Without equal and opposite currents, even VHF
current can flow right through a chassis to the outside. All shields
depend on this effect.

Inside and outside are bad terms to use. I like the surface and interior
better! While current doesn't flow through the interior, the voltage is
the same on each side of the wall. And the outside is a continious path in
a three dimensional world. The only thing that keeps the current inside a
coaxial cable is the equal and opposite currents, the skin depth "allows"
it to happen.

>With so much talk about skin effect every where I have never seen
>a figure being quoted. I firmly believe some figures will put
>discussions and understandings in perspective. So here it goes:
>
> THE SKIN DEPTH AT 100 MHZ IS 0.66 uM (MICRON)
>
>The variations due to different material is within an order of
>magnitude. If my memory failed me please quote the correct figure.
>I think the number is so incredible that everyone should know.

But current continues for some depth beyond that point. And don't try to
treat the conductor interior as insulation, it doesn't always work.

>On some previous posts RF current within the coaxial transmission line
>and outside the shield were discussed. The discussion centered on the
>effect of line length, particularly at 1/4 wave length and 1/2 wave
>length. Doesn't the difference in velocity factors causes the current
>maximum/minimum to occur at different location? For RF current within
>the coaxial line the V.F. is 66% (or some other number.) For RF
>current on the outside shield, due to the skin effect, the entire
>cable might just as well as a solid conductor, for which the V.F.
>is around 95%. Wouldn't this effect make any difference?

While we know what the inside TEM mode VF is, we usually don't know what the outside (common mode) VF is! It depends on the cable's surrounding environment.

73 Tom

1026. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l2f9n$ql1@newsbf02.news.aol.com>
Source record: 202646

Hi Ray,
Let me be more specific. In article
<9603168296.AA829695757@mails.imed.com>, mack@mails.imed.COM writes:

> Maybe I need new glasses but I saw about 15 3-???, 3CX????,
>88??, and others made by Eimac mentioned as well as the 811 and 812
>made by RCA and others. SNIP
>There was not ONE SINGLE mention of a specific tetrode ANYWHERE in the
>article.

The lead, AND LARGEST, picture was a Svetlana 811A. What's wrong with a competitor's tube being pictured, or better yet an *original* RCA 811A ?

Look again at the references. They steer the reader directly to the author's own business. Only reference 2 does not. The articles referenced were all written (with the help of the author) to endorse or support the author's products. The "technical articles" referenced don't describe general tetrode operation, they specifically describe the advantages and use of the ****author's tubes****.

>The only direct reference to Svetlana as a tube manufacturer was the
>first footnote that said you could get data sheets for most of the
>tubes mentioned from Svetlana, *even if you happen to be using Eimac
>tubes* (emphasis mine). If anything the article was an Eimac ad!

Eimac ad? Where is Eimac's phone number, a picture of Eimac's product? Where is Eimac's address or a reference to any construction articles using Eimac's tubes? Funny, in your "Eimac ad" *every single one of those topics* are covered for the author's company, and ONLY that company.

Let's talk about getting "facts straight". I JUST CALLED Svetlana and talked to Pat. She said they don't HAVE Eimac data sheets, since Eimac is a competitor. But she would gladly help me find the closest Svetlana tube to the Eimac tube I was interested in. Some Eimac ad!

Read the "Next Revolution" section carefully. It:
1.) Downplays the cost and complexity of tetrodes, falsely claiming they are more simple to build and operate and some sort of "revolution".

2.) It falsely claims "The zero-bias revolution was ***NOT*** driven by technical performance".

Well, it most certainly was! Zero bias grounded grid amplifiers are easier to operate, more stable, have better IMD performance without regulated supplies, use less components, and are more compatable with the power levels of modern exciters. That sure sounds like good technical performance to me!

3.) The article paints the "tetrode from Russia" as "simple, inexpensive, modern, and high performance". Those are the exact words used.

>All in all I thought it was a very well written *historical* piece.

So did I, except the last section. I see little reason to extoll the virtues of tetrodes manufactured by the author's company in a historical article about the 811A, or tubes in general. I see no reason for only listing references leading back to the author's wallet.

>At the very least if we have a gripe let's get the facts straight!
>Especially if we air the gripes in public.

I hope I have MY facts straight enough now.

73 Tom

1027. Re: For Sale:Two week old Yaesu FT10.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: ross langridge <carters@igrin.co.nz>
Message-ID: <4l2fpa$6ak@midland.co.nz>
Source record: 202647

I know YAESU is a shit brand, but why sell it after only two weeks?
Buy a Kenwood!

1028. Re: Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: ross langridge <carters@igrin.co.nz>
Message-ID: <4l2fvl$6ak@midland.co.nz>
Source record: 202648

ONLY BUY A KENWOOD!
THERE IS ONLY ONE BRAND WORTH BUYING!

1029. Re: DX-70 , TS-50 - IC706 receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31759DC8.18A0@magic.itg.ti.com>
Source record: 202649

Tom wrote:
>
> I am looking for comments on the receiver performances of the
> small hf transceivers??? Which one has the best receiver? I am
> not much concerned about 6 or 2 meters - primarily hf performance.
> Which radio has the better sounding receiver characteristics?

Have both the Alinco and the Icom. Alinco wins hands-down
on HF. No question. The ICOM folds under strong signals (like
when I put it on a 2 element quad).

However, CW filter in the ICOM is better but is optional not
included.

Joe

1030. $$WANTED: Hickok 580 or Triplett 3344A tube tester$$

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: upscale@primenet.com
Message-ID: <4l2n0t$kmr@nnrp1.news.primenet.com>
Source record: 202650

If you have one, let me know.

Kevin Deal
UPSCALE Audio Rare Tubes
E-mail for the finest NOS tubes available from
Telefunken, Amperex, Philips NV (Holland), Mullard
(909) 982-2386 pst

1031. DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: upscale@primenet.com
Message-ID: <4l2n6g$krn@nnrp1.news.primenet.com>
Source record: 202651
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

If you have tubes to sell, let me know. I will pay from 10 to 200% more than other dealers for certain stuff I need.

E-mail me for a want list.

Kevin Deal
UPSCALE Audio

1032. RS-232 to TTL Rig Control ...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: tony@gcr1.com
Message-ID: <4l2rss$1jho@tetsuo.communique.net>
Source record: 202652

If you are thinking about using you PC to control
you ham rig check out my page and the FT-736R CAT
section. The unit shown is usable on all rigs that
require a RS-232 to TTL level converter to control
the rig. Kits include all connectors needed for
connection to Kenwood, Yaesu or Icom rigs and as
well as others.

Check it out ...

http://www.gcr1.com/n5gpi/

73,
N5GPI

1033. ICOM R-70 Display Noise Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: rats@ih4mp736.ih.att.com
Message-ID: <4l2u7e$kmo@ssbunews.ih.att.com>
Source record: 202653

I have an R-70 that generates a "hash" on the SW bands; it is dependent in frequency depending on whether the dimmer switch is set. Anyone have a solution to this problem?

The HV power supply for the fluorescent display also generates 10V which is used by the IF as well, I believe.

I noticed at one of the MOD sites that the ICOM R-7000 also experienced a noise problem that was traced back to bad capacitors on the Display and HV PS boards.

Were there any ICOM service bulletins related to the R-70 concerning Display problems?

1034. DJ191 Alinco Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: billnw5m@icon.net
Message-ID: <billnw5m.48.000A20F1@icon.net>
Source record: 202654

I am in need of a copy of the owners manual for the alinco dj191 handie talkie
if someone can help me please e-mail me at billnw5m@icon.net
Thanks Bill//NW5M

1035. New Links

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <19960417.111756.12479.1.redbone@juno.com>
Source record: 202655

See some new Ham links at: http://www.amnorth.com/redbone/ham-page.html

Doug
KC8CGX

1036. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: Grant Youngman <nq5t@gte.net>
Message-ID: <31750D1B.7106@gte.net>
Source record: 202656
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Kevin Deal wrote:
>
> If you have tubes to sell, let me know. I will pay from 10 to 200% more than
> other dealers for certain stuff I need.
>
> E-mail me for a want list.
>
> Kevin Deal
> UPSCALE Audio

Personally, I think we need a consitutional amendment which
prohibits any person from purchasing any tube from anyone if
its use is in supposed "high end" (read that "absurdly priced")
audio equipment. :-)

Audiophiles out to tighten down their screws ... must be a lot
of loose ones in there. Oh well, fools and their money ....

Personally, I won't be pleased at having to pay several
hundred bucks for a replacement set of 807 modulator tubes
for my Viking II ....

Grant/NQ5T

1037. Re: Motorola JT1000 info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: jon27787@aol.com
Message-ID: <4l36dh$7rj@newsbf02.news.aol.com>
Source record: 202657

If you could find the time could you send me some info on the JT-1000.
I would like to know price options ect. Thanks alot .

1038. HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: sbryant@wco.com
Message-ID: <4l3a0m$b7s@news.wco.com>
Source record: 202658
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello-

I am wondering why I need to ground my radio and power supply using a separate ground wire instead of using the the ground normally provided by a 3-plug AC connector? Wouldn't a separate ground create a ground referencing problem? I'm looking to understand what I need to do when I purchase my Power Supply this week and install my system over the weekend.

I will be using an IC 730 with the IC-PS15 Power Supply. Any help you can provide will be greatly appreciated.

-Steve B. N6EQY

1039. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4l37ak$j3k@itnews.sc.intel.com>
Source record: 202659

Cecil Moore <cmoore@sedona.intel.com> wrote:
>Here's a quote from "Guide to the Personal Radio Newsgroups".
>
>"The .equipment group is not the place for buying or selling
>equipment; that's what rec.radio.swap is for."

Is there any way to automatically keep "FS" postings off this newsgroup? The for sale postings are fast getting to the ridiculous level. Maybe we should rename the group rec.radio.amateur.equipment-not-for-sale.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1040. Uniden 2510/2600 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: "J.D. Taliaferro" <talia@use.usit.net>
Message-ID: <31754960.4CD5@use.usit.net>
Source record: 202660

Hello,

I'm looking for information regarding the mods required for an Uniden 2510 to enable me to use transverters to get to 6m and 2m.

I've chosen this rig for price, and the fact it has FM, but it has no built in interface, so I think I have to tap into it somehow, or attenuate the output.

Is anyone else doing this, and is this rig good enough for the job?

Thanks,

J.D. Taliaferro
talia@use.usit.net

1041. Re: Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-17 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4l3fht$4h0@nadine.teleport.com>
Source record: 202661
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.misc

pmzone@clearlight.com (ML., Michigan, USA) wrote:

>Does anyone know if a newsgroup exist where HDTV issues are discussed?

> If not, I figured our amateur radio newsgroup would be the best place to
>post a technical question about the impending HDTV broadcasting
>changeover...So here it goes....

> The projected cost figures of the HDTVs are extremely high compared to
>current TVs. I suspect the majority of american families will be unable to
>come up money for the HDTVs.

> Since HDTV transmissions will be incompatible with the current NTSC
>transmissions, is it possible and likely that TV accessory manufacturers will
>come up with an economical convertor box to convert HDTV transmissions into
>NTSC signals, so that HDTV broadcasts can be viewd by regular NTSC TVs?

> Your comments on the topic are appreciated. Please email your response
>to pmzone@clearlight.com. Thank-you

>73, KB8VBA

>

If you havn't seen a HDTV demonstration go check one out the picture
is amazing. I watched a demo at the local art muesum, one Japaneese
short showed someone cooking in the kitchen. You could see very fine
detail on the hamburger and other items without really trying, you
could see the small droplets of greese flying off the frying pan. I'd
say it was easily as good if not better than any fine grained 35 mil
photo i've seen.

There is a HDTV newletter available on the WWW. Try www.web-star.com
some stuff is there as well as a full subscription. I don't have any
interest in the company, but the data is there.

1042. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: billn9hh@aol.com
Message-ID: <4l6h44$f7j@newsbf02.news.aol.com>
Source record: 202462

For many years Eimac employees often authored amplifier article's for QST and I don't seem to remember anyone complaining about that. As long as the connection between the author and a company is specified, I'd say most of us have enough brains to judge for ourselves whether there is a conflict of interest.

Does the author of another construction project who markets a kit for that project have a conflict of interest?

Maybe--but I think if I am interested enough to buy the kit, then I probably am just happy to have the information to accomplish something I couldn't do on my own.

Besides, I am not sure there are any real sources for 811's today besides Svetlana. We don't use them where I work, but we do use some Chinese 5894 tubes. I can tell you that they are an instant way to turn what was a 100 watt 150 mhz. radio into a 70 watter. If I had some technical info, like in the article, I might be able to do something about that.

1043. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: mulligan@ACM.ORG
Message-ID: <4l6hn4$aek@HOPPER.ACM.ORG>
Source record: 202463
Cross-posted to: alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.scanner

stampa@iafrica.com (David Prince) asked:
> Is it possible to reprogramme the Pro-43 to scan outside of its
> set limits ie, below 68Mhz and above 999Mhz?

While it isn't simple programming, the 30-68 range (normally disabled on the international model) can be enabled by adding a diode in position D2. Reception may be slightly poorer in that range, as the front end is tuned for 68-88 MHz.
Download a Pro-43 modification file and follow the instructions to access the diode group. Ignore the instructions about D4 & D3, which are talking about the U.S. model. If you don't have a surface mount diode to install, a conventional signal diode should work with some judicious lead bending and soldering.
/* barry /&

1044. FS: TS440S/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: jgeoff@exit109.com
Message-ID: <4l4kmf$1rk@news1.exit109.com>
Source record: 202464

```
For Sale -- must sell to upgrade computer system

Kenwood TS-440S/AT HF rig (no bugs) with YK-88C & YK-88CN filters,
manual, original boxes, 20A P/S incl.

Make me an offer I can't refuse (i.e., starting at $700)

TNX

Geoff N2HOQ
```

J. Geoff Malta
FBN graphics & publishing
POB 1596, Toms River, NJ 08754-1596
http://www.exit109.com/~jgeoff/fbn/

• THE GODFATHER TRILOGY:
http://www.exit109.com/~jgeoff/godfather/
• SCARFACE:
http://www.exit109.com/~jgeoff/scarface/
• THE SUPERB SITE REGISTRY:
http://www.exit109.com/~jgeoff/fbn/superb/
• FLY BY NIGHT (homepage):
http://www.exit109.com/~jgeoff/
Incl. the band Rush, Beer, Links, and more

1045. Need Help! Tempo VHF-1 Plus

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Terry Oates <toates@sirinet.net>
Message-ID: <31773016.39B3@sirinet.net>
Source record: 202465

I have a Tempo VHF-1 Plus that the PLL unlocked on and I don't have a manual or schematic for it. I will pay copy and mailing costs if you can help. E-mail for address and particulars. toates@sirinet.net
TNX Terry Oates

1046. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: sakai@cs.sunysb.edu
Message-ID: <SAKAI.96Apr18164712@csws1.cs.sunysb.edu>
Source record: 202466

In article <dgfDpx8vK.4Hz@netcom.com> dgf@netcom.com (David Feldman) writes:

On the FT736 how do you copy a Memory to VFO? There is a V->M key and
a V<->M key, but no M->V key as far as I can see. Is there a trick to
this I never discovered?

I am using FT736M in Japan. I don't remember it precisely, but it can
be done by V->M key or V<->M key followed by Function key. (I am
staying Long Island NY and will be back this summer.)

sakai JE2GCI
--
Masahiko Sakai,
Comuter Science Department
SUNY at Stony Brook
Tel: 516-632-8722(office)

School of Information Science
Japan Advanced Institute Science and Technology(JAIST)
Tatsunokuchi Ishikawa, 923-12 Japan

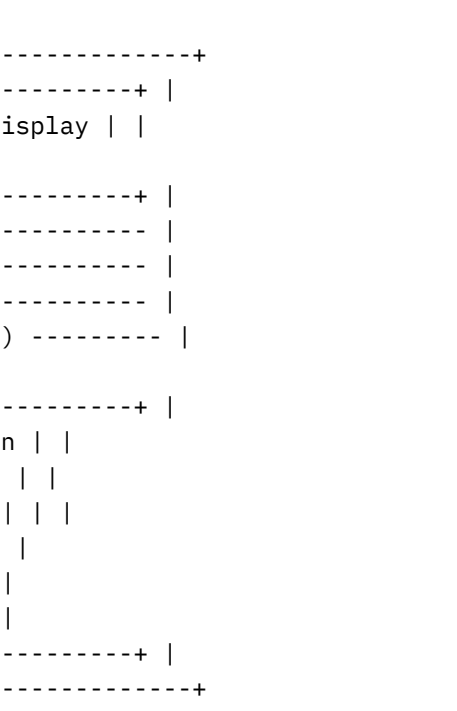
1047. FT-10R MARS Mods *here it is*

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Josh Pavlovich <jpav@mtnweb.com>
Message-ID: <31772241.41E2@mtnweb.com>
Source record: 202467

Yaesu FT-10 Extended Transmit Mod for 140-174MHz use.

Be sure to set your mail reader to a mono-spaced font (like Courier)
to view this correctly.

1. Remove antenna and battery.
2. Locate the Ni-Cd battery sticker on the back of the radio chassis.
Pry up the corner of the sticker and peel it off carefully.
3. Remove the two screws located under the sticker. These retain the
keypad.
4. Slowly lift off the keypad. Use care not to dislodge the gasket.
5. Locate and unsolder the 0 ohm chip resistor at location "M" (see
diagram below).
6. Re-install keypad with two screws. Be sure gasket is properly
seated.
7. Replace the Ni-Cd sticker if desired. Reattach battery and
antenna.
8. Press down and hold the Top-Notch and Lamp button while turning
the
radio on.



= Location "M", chip resistor to remove

If memory serves me, the board actually has an "M" near the correct
resistor.

1048. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <Dq2A1E.4Bo@hpqmoea.sqf.hp.com>
Source record: 202468

Bob (w5tkb@airmail.net) wrote:

: A tempest in a teapot!
: Bob W5TKB

Well said!

My QST has just arrived, and I quite enjoyed reading that piece. I too would consider tetrodes to require more involved circuitry than gg triodes, but, then, I'll probably find something I'm not in 100% agreement with in just about any article ;-)

It told more of a story about Eimac and RCA than about anyone else, the Russian bottles came over as simply copies of the originals. If someone from Svetlana can write in public in such a way, where their competitors are favourably treated, then I am pleased.

Let's recall all the articles that were written by engineers from RCA a long time ago, and thereafter by people from Eimac showing how to build amplifiers around THEIR products, Oh, yes, and Motorola RF power transistors...

I'm glad they wrote them, I'm glad the were published, I'm glad I read them. I learned a lot from them. They were not disguised advertising, they were quite open about their affiliation. I was free to try the techniques covered with other brands if I wanted.

I work for a commercial electronics company, HP, and I write things occasionally. Perhaps I could write a pure advertisement saying our products are "Awesome" and all others "Suck" ? would anyone in the market for (famously) expensive test equipment be swayed favourably by this?

I try to write good quality articles, with useful technical content, that are not tied to any specific brand of anything. In the Oscillators and synthesisers chapter of the ARRL handbook I had to mention equipment used for phase noise measurement. I made sure to be fair and to cover what the ARRL use and what I've had first hand experience with - which meant mostly HP, but I took care that this was done for those reasons and not for advertising. I made sure to discuss using other equipment to allow people to exploit whatever they can get their hands on, whoever made it, and I went as far as how to do good quality measurements with homebrew stuff and any old surplus wavemeter or receiver.

I was cautious in writing this section, I wanted to tell it "as it is" and get people going with thatever they have, and not be open to criticism of partiality in favour of my employer. We have competitors,

and many of them are very capable indeed, we have to work hard to keep up or keep ahead (depending on your opinion of the relative merits of the various test equipment makers).

My bosses were happy for me to write, and trusted me to get on with it... as an R&D employee, they have first rights to any inventions or writing that overlap company activities, so I have to get their permission. They did not even wish to see it before publication.

If I did a good job on that chapter, and my associations are no secret, perhaps it reflects well on the competence of the people in our firm? though it was a purely private undertaking in my own time without any company backing other than "Yes you can if you want"

People with professional/commercial connections have access to a lot of information that I would not want amateur radio to be cut off from. I've greatly enjoyed the articles written by Ulrich Rohde, and found them technically stimulating - now, isn't HE is the son of one of the founders of the major competitor of the division I work for ? That is one of the joys of being involved in amateur radio, I get to see things outside of my immediate employment, and I can play with things that are not constrained to the current project.

I came away from that triode article with the impression that it was interesting, well written, and impartial.

Count me in on the side of those who object to QST articles where software necessary to some project can only be got ready programmed into a kit from the author. These are not constructional articles, but rather kit assembly instructions being published, and if the kits include the instructions anyway, and there is no way to build one without the kit. then what purpose does the article serve other than advertisement ? In the case of a 1 chip processor and a few components, 100% of the thing lies in the software - without people seeing the software how can there be any learning and self-training ?

Cheers
David GM4ZNX

1049. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: zmbwf@ix.netcom.com
Message-ID: <N.041896.163435.72@ix-nas-nh2-13.ix.netcom.com>
Source record: 202469
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner
Body handling: Inline uuencoded payload not displayed: pro-43.mod

On 4/17/96 3:38PM, in message <N.041796.213855.48@slipper119235.iafrica.com>,
David Prince <stampa@iafrica.com> wrote:

> Is it possible to reprogramme the Pro-43 to scan outside of its
> set limits ie, below 68Mhz and above 999Mhz?
>

[Inline uuencoded payload not displayed: pro-43.mod]

1050. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: zmbwf@ix.netcom.com
Message-ID: <N.041896.163657.65@ix-nas-nh2-13.ix.netcom.com>
Source record: 202470
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner
Body handling: Inline uuencoded payload not displayed: pro-43.mod

On 4/17/96 3:38PM, in message <N.041796.213855.48@slipper119235.iafrica.com>,
David Prince <stampa@iafrica.com> wrote:

> Is it possible to reprogramme the Pro-43 to scan outside of its
> set limits ie, below 68Mhz and above 999Mhz?
>

[Inline uuencoded payload not displayed: pro-43.mod]

1051. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: zmbwf@ix.netcom.com
Message-ID: <N.041896.164057.62@ix-nas-nh1-05.ix.netcom.com>
Source record: 202471
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner
Body handling: Inline uuencoded payload not displayed: pro-43.mod

On 4/17/96 3:38PM, in message <N.041796.213855.48@slipper119235.iafrica.com>,
David Prince <stampa@iafrica.com> wrote:

> Is it possible to reprogramme the Pro-43 to scan outside of its
> set limits ie, below 68Mhz and above 999Mhz?
>

[Inline uuencoded payload not displayed: pro-43.mod]

1052. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: zmbwf@ix.netcom.com
Message-ID: <N.041896.164325.20@ix-nas-nh1-05.ix.netcom.com>
Source record: 202472
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner
Body handling: Inline uuencoded payload not displayed: pro-43.mod

On 4/17/96 3:38PM, in message <N.041796.213855.48@slipper119235.iafrica.com>,
David Prince <stampa@iafrica.com> wrote:

> Is it possible to reprogramme the Pro-43 to scan outside of its
> set limits ie, below 68Mhz and above 999Mhz?
>

[Inline uuencoded payload not displayed: pro-43.mod]

1053. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: zmbwf@ix.netcom.com
Message-ID: <N.041896.165132.28@ix-nas-nh2-01.ix.netcom.com>
Source record: 202473
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner
Body handling: Inline uuencoded payload not displayed: pro-43.mod

On 4/17/96 3:38PM, in message <N.041796.213855.48@slipper119235.iafrica.com>,
David Prince <stampa@iafrica.com> wrote:

> Is it possible to reprogramme the Pro-43 to scan outside of its
> set limits ie, below 68Mhz and above 999Mhz?
>

[Inline uuencoded payload not displayed: pro-43.mod]

1054. Re: Sale Azden PCS-4000 $150.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: tbaca@boi.hp.com
Message-ID: <4l5jgt$f6l@hpbs2500.boi.hp.com>
Source record: 202474

Calvin Burnette (N4UTN@gnn.com) wrote:
: Hello,

: The name here is Cal.... I have an Azden Pcs-4000 fully
: Synth. mobile radio for $150.00... needs backup battery...
: will lose memory if disconnected from battery or power supply.
: Electronically in great condition.. case worn but front is
: great shape... will take $150... Cashiers check, money order
: or C.O.D. only... for this 2 meter rig..
:
: Call 804-821-6233 after 5pm est or email me...
Cal,
I tried to e-mail you but it bounced. because the Azden radios
have a problem with falling out of lock, I would offer $100 for
the above.

: Cal, N4UTN@gnn.com

1055. Daiwa power supplies

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <4l5soa$hhu@tune.cs.columbia.edu>
Source record: 202475

(Jerry's power supply saga continues...)

Can anyone tell me about their experiences with Daiwa power supplies,
especially in comparison to something I know, like Astron supplies?

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

1056. Re: YAESU FT 1000MP - extra menu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Dave Norton <dave@diecast.demon.co.uk>
Message-ID: <MJrE8CAJrgdxEw0c@foobar.co.uk>
Source record: 202476

In article <4j6e3o$pdn@Steinlager.tip.net>, Boerge Ravn-OZ8BR/SM0EBP
<boerge@br-consulting.se> writes
>There are som "hidden info" in the FT 1000MP menu-system!
>A. Press and hold LOCK+FAST, turning power ON
>B Press FAST+ENT keys simultaneously to go into manuf.-mode
>C Select 9-9 using MEM/VFO.
>Enjoy your rig!
>73 Boerge
>
>
Anyone know what the other functions do ?

Dave Norton (dave@khn.foobar.co.uk)

*** Hobby Accessories ***

1057. Re: IC-970 is it good ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: vfiscus@mcn.net
Message-ID: <4l40s6$8m4@news.mcn.net>
Source record: 202529
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

In article <1996Apr15.172744.6313@ke4zv.atl.ga.us>,
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>
>The TS-790A should be avoided for satellite use. It has *serious*
>design flaws for such usage. Not recomended. It can be Ok for
>light duty terrestrial use.
>

I disagree, while the TS-790 left some things out, it is still a good
satellite rig.

73 de KB7ADL

1058. Re: TO MUCH AUDIO ON MY 229H ICOM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: vjkunesjr@spacetech.com
Message-ID: <4l495i$3ks@news.paonline.com>
Source record: 202530

> dd980@FreeNet.Carleton.CA (Russ Rinckey) writes:
>
> I need to find out what pot to turn down on my 229 its distorting a bit.
> Any help would be great.
>
>>>>
Hope you find out 'cause mine could use the same tuneup.

1059. FT 990 dc + 2kw amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: S9 PLUS <S9PLUS@gnn.com>
Message-ID: <4l4ep5$pi7@news-e2c.gnn.com>
Source record: 202531

Hello, My name is Cal.

I am getting interested deeply in 6m allmode and EME.
I have a YAESU FT-990dc w/35 amp external supply in perfect
condition that I bought last March 95. In order for me to
get the allmode equipment I will have to sacrifice the
990 and supply... cost 1800.00 plus after shipping and will
sell for 1400.00 firm. This setup allows the Nice HF you
want and you will have a 35 amp supply to run it and your
whole shack.

Also for sale is my LK500zc Amp Supply 2kw amp... Legal Limit
plus.... it is in beautiful condition and well cared for.
I installed 2 brand new 3-500zg tubes (graphites) for the
heck because it had the same tubes in it from the beginning.
I did not see an appreciable power gain so the old tubes were
in great shape (sold the old ones). I figure the graphites
will never have to be replaced... will sell for 1300.00 firm.

All prices are firm and you pay for shipping....

Calvin Burnette

804-821-6233 after 5pm est

.... 73 ....Cal, S9PLUS@gnn.com

1060. Hw 24t dual band ht 150.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: S9 PLUS <S9PLUS@gnn.com>
Message-ID: <4l4ftv$q60@news-e2c.gnn.com>
Source record: 202532

Hello,

The name here is Cal.. I have a HW-24t made by Heath. This handheld is fully synth.. Has bookoo functions and works. Needs a battery pack but functional on the one it has. Has slight 3/4 inch crack in case next to bottom.. has no effect on use or operation... will sell for 150.00.. shipped...

Calvin Burnette

804-821-6233 after 5pm est
..... 73 .....Cal, S9PLUS@gnn.com

1061. Re: Digital Recording Units for TS870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <3175B62A.6403@mail.rust.net>
Source record: 202533

Mark Pettigrew wrote:
>
> Anyone know if you can use the DRU-2 digital recording unit in the TS870
> (for which the manual says it needs a DRU-3)?
>
> Thanks in anticipation
>
> Mark
> G0WLR

No, you cannot. You must use the DRU-3.

Bill Crocker

1062. Yaesu email reflector (fwd)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Peter Plets <plets@esat.kuleuven.ac.be>
Message-ID: <Pine.ULT.3.91.960418090144.10163B-100000@eliot>
Source record: 202534
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

---------- Forwarded message ----------
Date: Wed, 17 Apr 1996 21:48:30 -0700
From: Kok Chen <kchen@apple.com>
To: 990@xyzoom.alegria.com
Subject: Yaesu email reflector

The following appeared on a couple of the ham reflectors; it
should be of interest to FT-990 owners. My apologies to those who
subscribes to the rtty and contest reflectors, having to read
this again.

73

Kok Chen, AA6TY kchen@apple.com
Apple Computer, Inc.

---------- (snip, snip) ----------

>From owner-cq-contest@tgv.com Wed Apr 17 18:30:41 1996
X-ListName: Amateur Radio Contester's discussion list <CQ-Contest@tgv.com>
Warnings-To: <>
Errors-To: owner-cq-contest@tgv.com
Sender: owner-cq-contest@tgv.com
Date: Wed, 17 Apr 1996 21:05:46 -0400 (EDT)
X-Sender: km9p@akorn.net
X-Mailer: Windows Eudora Pro Version 2.1.2
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: cq-contest@tgv.com
From: "Bill Fisher, KM9P" <km9p@akorn.net>
Reply-To: "Bill Fisher, KM9P" <km9p@akorn.net>
Subject: Yaesu Reflector is QRV
CC: topband@frontier.net

The Yaesu reflector is now QRV.

To subscribe send a message to yaesu-request@akorn.net with 'subscribe' in
the body of the message.

This reflector will also be available on the WWW at
http://www.akorn.net/hamradio/yaesu/.

Could someone please forward this message to other reflectors (DX, etc)? I
don't know the addresses and am not subscribed.

73

Bill, KM9P

```
-------------------------------------------
| Contesting Online... The ultimate |
| source of ham radio contest information |
| http://www.contesting.com |
-------------------------------------------
```

Other mail reflectors from that site:

3830
tentec TenTec Amateur Radio Mailing List
trlog SE VHF Mailing List
yaesu Yaseu Amateur Radio Mailing List
svhfs N6TR TRLog Mailing List

Peter.

1063. Needed... Schem Alinco-570

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960418024044.109527A-100000@freenet3.afn.org>
Source record: 202535

Hi Tom here... N4ZFH a friend of mine is in need of a schematic
for a Alinco 570 Dual band mobile... His particular need is in
reference to the Tx Audio... In his case the stock mic is tx too
much audio in terms of level an Dev. If this rig has a seperate
tx audio level <mic amp gain> need the Vr or location there of.
Or at least the appropriate Vr to set tx Deviation while checking
the Dev on Service monitor... Contact me via the Newsroup or
E-mail... Tnx De Tom
73

1064. Re: FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: johntrum@netonecom.net
Message-ID: <3175df06.20947186@news.netonecom.net>
Source record: 202536
Cross-posted to:
misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

zact@visi.net (David Thomas) wrote:

>I have a Polarad Microwave signal generator New in the box with
>manuals & probes. will sell to first best offer $$$ call John at (804)
>340-7685 or e-mail zact@visi.net
>Email me at zact@visi.net
>
>

DAVID..............

I WILL PUT THIS IN CAPITAL LETTERS AND REAL SIMPLE WORDS SO, MAYBE,
YOU CAN UNDERSTAND IT. YOU ONLY HAVE TO POST A MESSAGE 1 (ONE) TIME.
PEOPLE HERE ARE QUITE INTELLEGENT (SMART..). FOR THE 4 (FOUR) ITEMS
YOU HAVE FOR SALE, I THINK YOU HAVE POSTED ABOUT 40 (FORTY) POSTS!!!!
THIS IN A PERIOD OF 5 (FIVE) DAYS! THIS SERVES ABSOLUTELY NO
PURPOSE, AT ALL, EXCEPT TO PISS READERS OFF!! EVEN AFTER ALL THESE
POSTS, I DOUBT ANYBODY STILL KNOWS WHAT YOU HAVE FOR SALE OR WHAT THE
EXACT PRICE IS, EITHER. TO SAY, YOUR DESCRIPTIONS LEAVE A LOT TO BE
DESIRED, WOULD BE AN UNDERSTATEMENT!

POST EXACTLY WHAT YOU HAVE (YOU "CAN" PUT MORE THAN 1 (ONE) ITEM IN A
POST TOO!) 1 (ONE), I SAID 1 (ONE) TIME! PUT ALL DETAILS ABOUT THE
ITEMS IN THE POST. BRAND, MODEL, ACCESSORIES OR OPTIONS, PRICE, ETC.
AND HIT THE SEND BUTTON 1 (ONE), I SAID 1 (ONE) TIME!! IF SOMEONE IS
INTERESTED THEY WILL PROBABLE EMAIL YOU OR CALL YOU OR POST A REPLY.

NOW THAT I'VE SAID THAT, THERE MIGHT EVEN BE A BETTER PLACE TO POST
YOUR FOR SALE ITEMS. I'M NOT SURE IF FOR SALE IS A CORRECT POST FOR
THIS GROUP OR NOT. I'M SURE SOME OF THE READERS OUT THERE WILL HAVE
THE ANSWER FOR THAT.

JohnSon

1065. Re: TS-850 Control Program?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Mark Pettigrew <m.w.pettigrew@shu.ac.uk>
Message-ID: <31766AF9.57C6@shu.ac.uk>
Source record: 202537

Gary McDuffie, Sr. wrote:
>
> Are there any good TS-850 control programs out there? Looking primarily
> for DOS apps, but I'm also interested in a good Win program for the future.
>

For Windows, I've got Kentrol. It's not bad. You can get it at
ftp://qrz.com/pub/rigctrl/kentrl43.zip

Mark
G0WLR

1066. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l4u15$b4@newsbf02.news.aol.com>
Source record: 202538

In article <4l44rk$qht@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>Hi Grant,
>
>Perhaps you've never done an A-B test between a tube hi-fi amp and
>one using transistors? Whether it's due to the tone controls, the
>softer clipping of tubes or whatever, there is a distinct difference
>in the quality of the sound.
>
>On the other hand, the benefit of tubes in ham gear is much less
>tangible. Given the choice between keeping an old Viking II on the
>air or continuing to enjoy high quality audio, I know what my decision
>would be. There are cheaper ways to heat a hamshack. ;)
>
>73,
>Jack WB3U
>
>

When I eat pickled eggs and drink Blatz there is a disstinked difference
in my tone also.

Seriously, I have to go along with Grant. I don't believe it Jack. I think
people that buy those mega buck tube type amps listen through their gills.

73 Tom

1067. ts-130 warc tx?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: ahenriks@trsisy02es.ntc.nokia.com
Message-ID: <4l4se7$1ce@axl02it.ntc.nokia.com>
Source record: 202539

How to make Kenwood TS-130 to transmit on WARC-bands?
Any extra hardware needed or simple modification?

1068. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Jonathan Clough <Clough@javiaton.demon.co.uk>
Message-ID: <829802568snz@javiaton.demon.co.uk>
Source record: 202540
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner

In article <N.041796.213855.48@slipper119235.iafrica.com>
stampa@iafrica.com "David Prince" writes:

> Is it possible to reprogramme the Pro-43 to scan outside of its
> set limits ie, below 68Mhz and above 999Mhz?

Nothing above but by adding a small surface mount diode to a vacant position
(D2 - you need both D2 & D3 in place to have 30-88) on the lower logic board
you can have 30-88MHz. (Assuming you have a PRO-43 from oustide USA/Canada).

--
Cheers,
/--\
Jonathan Clough	HF/VHF/UHF Receivers & Scanners
Javiation,	from all the leading manufacturers
Bradford, UK	Full coverage, "unblocked" scanners Including
Tel: +44 (0)1274 732146	PRO-26/43, UBC-3000XLT, AR5000/7030/8000
Fax: +44 (0)1274 722627	http://www.demon.co.uk/javiation/
Compu$$erve: 100117,535 \---
Internet : Clough@javiaton.demon.co.uk (PGP Key available on request)
\--/

1069. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: "C. J. Hawley" <c-hawley@uiuc.edu>
Message-ID: <31763072.569A@uiuc.edu>
Source record: 202541

WB3U wrote:
>
> Cecil Moore <cmoore@sedona.intel.com> wrote:
>
> >Maybe we should rename the group
> >rec.radio.amateur.equipment-not-for-sale.
>
> What's actually needed is another group, rec.radio.amateur.forsale.
>
> That would make it more obvious to casual users where the ads belong.
>
> 73,
> Jack WB3UAre you aware of rec.radio.swap? I don't think that the lack of the word "amateur" has affected the use of the group. It seems to be about 99% hams. Maybe the word amateur should be added.....
Chuck, KE9UW

1070. Re: cellular phones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <31763F1F.D39@csg.mot.com>
Source record: 202542

Bill Paul wrote:
>
> In article <4kp0mq$1tau@news-s01.ny.us.ibm.net>, peterg4@ibm.net wrote:
>
> -snip-
> > >Big problem #1: The phone's RF section will be optimized to transmit on
> > >824 - 849 MHz. If it could be re-tuned to a higher frequency, it would be
> > >a very poor performer in the 900 MHz amateur band. You would be better off
> > >building your own RF section.
> >
> > Do you know this for a fact or are you simply guessing? Are you giving up
> > before you start???
>
> No, you're right, I'm guessing. Let me re-phrase:
>
> If it could be re-tuned to a higher frequency, it would *probably* be a
> very poor performer in the 900 MHz amateur band.
>
> It's not that I'm giving up before I start, but more a matter of what the
> author of the original post was after. It sounded to me like he wanted a
> easy way to have a scanner or a 900MHz HT, not necessarily a learning
> experience. If he was after knowledge of radios, microprocressors, or
> mobile telecommunications, then this would be the project to do, as you
> have done.
>
> -snip-
> > Of course there is a PLL controlled by a micro. Any yes, you will have to
> > completely toss the code and do a complete rewrite. But you can salvage
> > many subroutines from the old eprom!
>
> You can't universally assume that one can do this. Let's see you get that
> data out of a OTP part with the security fuse blown!
>
> -snip-
> > I don't get the point. To modify a cell phone to do ANYTHING different is
> > an unbelievable learning experience in microcontrollers and equipment
> > design. The time you spend may be better spent if all you want is a quick
> > radio, but cannot be beat for pure satisfaction and learning.
> >
> > ..Peter
> >
> > PS, yes, I have done this.
>
> What make and model have you done this to? I'm actually curious as to what

> processor and periphials they used.
>
> I think if you stick around this newsgroup for a while, you'll see quite a
> few posts about "What can I do with this cell phone?". Not saying anything
> about "jclind@sentex.net", but alot of them are people with a piece of
> equipment they don't have the heart to throw away, not necessarily people
> that want to learn how a mobile phone works.
>
> I must admit sounding pesimistic about this, but I see it as being practical. :)
> -BP
>
> ---
> Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com
> ---

What you guys need is a cellular phone designed for the ETACS system,
which is the dominant system in England and much of south east asia.
They can be found at ham fests with some carefull searching. The tx band
is 872-915 Mhz stock.

1071. Re: Help me, IC706 rx pre-amp etc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <31764126.779B@csg.mot.com>
Source record: 202543

Peter Shintani wrote:
>
> Hi Gary and others:
> 1) I was looking over the schematics of the IC-706 and was shocked to
> see that the pre-amp circuit was not discrete but an NEC upc1658.
> (I should have realized that for cost and size restraints ICOM
> would have to revert to IC's for efficiency) .I looked up the specs
> and was shocked to see that the nf was listed as 2.0 whereas
> typical FET tr's used in pre-amps are in the sub 0.5 nf range.
> I was wondering if this is just my imagination or misunderstanding
> but is a front end amp with an nf of 2.0 going to make my
> rx noisey in comparison to a discrete implementation with a lower nf ?
> (would the affect only be noticeable on 6m or 2m ? but not at hf ?)
>

Sorry to say that many times hams get way to obsessed with receiver noise figure, especially on hf. Atmospheric noise is
easily many (10+) dB above KTB (thermal noise) thus rendering the best noise figure of no value. A 2 dB noise figure on an hf
radio front end is just fine. In fact, you don't have to look too far to find a very low noise device being used in a circuit
that is too wide band, or not high enough Q to actually achieve its ultimate noise figure. That 2dB NF device may be
performing just as well ON THE BENCH as someone elses 1dB device.

Paul_Moller@csg.mot.com

1072. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: upscale@primenet.com
Message-ID: <4l5idt$6do@nnrp1.news.primenet.com>
Source record: 202544
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

In article <31750D1B.7106@gte.net>, Grant Youngman <nq5t@gte.net> wrote:
>Kevin Deal wrote:
>>
>> If you have tubes to sell, let me know. I will pay from 10 to 200% more
than
>> other dealers for certain stuff I need.
>>
>> E-mail me for a want list.
>>
>> Kevin Deal
>> UPSCALE Audio
>
>Personally, I think we need a consitutional amendment which
>prohibits any person from purchasing any tube from anyone if
>its use is in supposed "high end" (read that "absurdly priced")
>audio equipment. :-)
>
>Audiophiles out to tighten down their screws ... must be a lot
>of loose ones in there. Oh well, fools and their money ....
>
>Personally, I won't be pleased at having to pay several
>hundred bucks for a replacement set of 807 modulator tubes
>for my Viking II ....
>
>Grant/NQ5T

I have 807's for $10 each, if your interested. And I don't sell just audio tubes. I supply sweep tubes at prices well below places that specialize in dealing to hams, and in fact supply some of those dealers. So while some dealers charge $45 or more for a 6LQ6 I charge $35 for one or $30 each in quantity. I just sold new old stock 8950's for $45 each (sorry, I have no more) and RF parts sells them for $75 each.

While there are certain brands of small signal tubes that I pay a higher price for, there is still in most cases a cheaper version for people that don't want to pay the price. Example is Dutch made 6922's which I like. You can buy tons of Sylvania 6922's for low bucks. Very very few audio tubes that are expensive have affected the ham tube pricing at all, or your ability to get replaceable parts. 8417's are very rare. Hard to get. But the price for them has been driven by hams as much as audio guys.

So while some high-end equipment is absurdely priced (I agree) the effect on the ham tube biz is negligable.

The fact is that my post states I will pay more than the usual tube dealer (Antique Electronic Supply, etc) for stuff I like or I'm out of. I think most people appreciate that.

Regards,

Kevin Deal

1073. Re: FT-10R MARS Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-1804961033410001@145.39.1.10>
Source record: 202545

In article <3172CF57.79AF@clandjop.com>, Jimmy Hall <kj5qn@clandjop.com> wrote:

> Hello,
> I am looking for the Mars Mods for the Yaesu FT-10R Handy??
>
> Jimmy KJ5QN

Take your MARS permit to an authorized Yaesu dealer and they will provide
you with the mod info. If you are not authorized to operate out of band,
don't expect much cooperation.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do not represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

1074. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr18.150920.20073@ke4zv.atl.ga.us>
Source record: 202546
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4l3a0m$b7s@news.wco.com> sbryant@wco.com (Steven B. Bryant) writes:
>
>I am wondering why I need to ground my radio and power supply using a
>separate ground wire instead of using the the ground normally provided by
>a 3-plug AC connector? Wouldn't a separate ground create a ground
>referencing problem? I'm looking to understand what I need to do when I
>purchase my Power Supply this week and install my system over the weekend.
>
>I will be using an IC 730 with the IC-PS15 Power Supply. Any help you
>can provide will be greatly appreciated.

The power supply will have a third wire safety ground, but the radio
still will not. So you'll want to also give it a chassis ground
connection. It has a lug for that purpose. You could tie that to the
third wire connection of the outlet you use for the power supply.
That would give you ordinary electrical shock hazard protection.
(The DC negative lead won't serve because it isn't directly
connected to chassis either in the power supply or the radio.)

The problem is that the house electrical third wire ground won't
do much for you as lightning protection. The ground path is too
long, and has far too much inductance. You're also right to be
concerned about ground loops. They can be damaging.

The answer to both problems is to create an entrance panel that
serves as a shack ground window. This is a copper plate to which
every wire that enters or leaves your station is connected *before*
going on to connect to equipment in the station. The wires should
be either directly connected to the plate in the case of "grounds",
or via appropriate suppressors if the wire is nominally "hot". This
means coax, power wiring, telco wiring, etc. This plate becomes
your station "single point" and shorts any potential ground loops
entering your station.

This ground window is then connected as directly as possible,
using as low an inductance wiring method as possible (5 inch
wide smooth solid copper strap preferred, don't use braid), to a
good Earth ground connection. A single ground rod is generally
not a good Earth ground connection. I recomend a minimum of
4 rods, with a central rod surrounded by the other 3 arranged
around and connected to the central rod in star fashion. The rods
should be separated by at least twice the length of a single rod
from each other to avoid the charge saturation zones overlapping.

This is often a sufficient Earth connection where the water table
is high. In other areas where soil conductivity is poor, I'd add a
Ufer ground (rebar in concrete) at least 20 feet on a side, and/or
a bunch of buried radials to form a capacitive "plate" to couple
energy to Earth. Dirt is a pretty poor conductor, with most currents
conducted soil grain to soil grain by arcing across the grain boundaries.
So surge currents are most effectively conducted to Earth via capacitance,
with the Earth forming one plate of the capacitor.

This system will give you an effective lightning safety ground,
and incidentally it may also serve as a RF ground should you
need one, providing the connection between the ground window
and Earth is (very) short compared to a quarterwave at the highest
frequency you'll be operating. Note, you usually will *not* need
a RF ground unless you're trying to feed a long wire or other
grossly unbalanced type of antenna. Verticals should be worked
against a ground *at their base* and not a ground back at the
station. Dipoles and other balanced antennas don't require a
RF ground connection.

You'll have to be the judge of how much grounding you want to
do. I wouldn't sleep easy in thunderstorm country with a lesser
system than the one I've described. If you aren't willing to
put in an effective system, you might be better just letting
the station "float" with respect to Earth and religiously
disconnect (and separate) antenna downleads from your equipment
when you aren't operating. Note that word "separate", lightning
that has just traveled miles through open air isn't going to
be deterred by a few inches of separation. Give it a better
choice of path than jumping to your equipment, or you.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1075. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l5mqr$74o@newsbf02.news.aol.com>
Source record: 202547

Hi Bob,
In article <3175C21C.258A@airmail.net>, Bob <w5tkb@airmail.net> writes:

>Seems to me to be much ado about nothing! Before I retired, it was
>common in my company to have sales folks come in and complain about
>article in trade journal extolling the virtues of a new system just
>installed from Timbuctu to Swaziland by XYZ Corp. The article covered
>all of the technical issues involved and how XYZ solved them with their
>new Slopbucket radio system. What's different?

Plenty. QST is considered a technical publication for the membership, not
a "trade journal". "73" and "CQ" are trade journals, if you call our hobby
a "trade". Membership publications or journals are more like the
"Proceedings of the IEEE" and "QST".

Readers depend on QST for unbiased technical information, not skewed
articles that misrepresent fact. I have no object to a large paid ad by
Svetlana, but not a free of charge combo article and ad. **Especially
not** when the article misrepresents or distorts technical fact.

>I would chide those who complain and suggest they
>submit an article. It's great advertising. I'm sure QST would welcome
>similar inputs from Eimac or whoever.

Actually QST does not welcome such input, they flatly refuse it!

They (as they still claim) refuse to accept articles that may contain a
conflict of interest. The refusal to mix business and technical data is a
key way to help insure technical data is unbiased.

>Every construction article (or
>most at least) have and ad in the notes telling you where to get parts
>(or EPROMS programmed by Ole Joe's Widget Shop) etc. Again, what's the
>difference - none in my mind.

None in mine either, if other available (alternate) sources are also
listed. And also if *** unbiased technical data*** is presented in the
article. So we agree on that.

>I think it's neat that someone is still
>making tubes for all of those 811A sockets -- RCA sure as hell ain't.
>If Svetlana can make a quality product for less, then power (pardon the
>pun) to them.

Me too. They aren't the only source, but at least the article was about
the history of that tube. I find no fault to the 811 section of article,
except the omission of Chinese and surplus sources where thee 811 is

available.

My objection is to the "plug" for tetrodes manufactured by the author's company. What does that have to do with the history of an 811? I alsso object to misrepresentations extolling virtues of tetrodes and the listing of reference articles telling the readers how to find more articles extolling the virtues of the author's tubes.

Is QST changing it's policy, and allowing free ads? Are they now allowing "for profit" technical articles? If so, wouldn't it be a good idea to sharpen up technical editing and make the new policy known to readers that depend on unbiased technical information?

If this was 73 Magazine I'd expect it, if it was CQ I might think about it a little bit. But QST has always had high technical standards, it's a shame to see the standards errode. QST was always above allowing self promoting articles, it's a shame to see that occuring more and more frequently.

How can a reader know what he is reading is unbiased fact, or a "for profit" distortion, when manufacturers are allowed to publish technical articles extolling the virtues of their own products through QST?

>A tempest in a tea pot
Or a warning sign of deteriorating standards?

73 Tom

1076. Heathkit HR-1680

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: davek@yoda.psu.edu
Message-ID: <davek.423.317670AD@yoda.psu.edu>
Source record: 202548

I'm looking for information on the old Heathkit HR-1680 ham-bands-only
receiver. It was manufactured in the late 1970s.

What is its basic design (direct conversion, superhet)?
What IFs (if any) does it use?
Is it all solid-state?
Does it perform well (dynamic range, sensitivity, AGC)?
Does it have a built-in power supply?
What is its overall quality?
What is a typical price for the unit on the used market?

Any other info...?

Thanks for any information you can provide.

73 de NB4J

==
Dave Kelley Ph.D. Candidate
Electrical Engineering Dept.
email: davek@yoda.psu.edu Pennsylvania State University

1077. Re: FT-10R MARS Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4l5r47$114m@news.ccit.arizona.edu>
Source record: 202549

CSLE87@email.mot.com (Karl Beckman) writes:
>Jimmy Hall <kj5qn@clandjop.com> wrote:
>>Hello,
>>I am looking for the Mars Mods for the Yaesu FT-10R Handy??
>>Jimmy KJ5QN
>Take your MARS permit to an authorized Yaesu dealer and they will provide
>you with the mod info. If you are not authorized to operate out of band,
>don't expect much cooperation.
>Karl Beckman, P.E. < If our English language is so >
>Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

Unless of course, I happen upon the info. In which case I'll be happy to
share it with -anybody-

Chris - N7RME

1078. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: ring@porky.cb.att.com
Message-ID: <4l5rp8$onc@nntpa.cb.att.com>
Source record: 202550
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <31739A8C.7921@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> wrote:
>crum wrote:
>> Thanks to everyone who replied or posted about ARRL insurance.
>> It sounds great. All replies from experienced people were positive;
>> besides the followups posted, I got two messages by e-mail from people
>> who had processed claims with no trouble.
>
>How many times do I have to read messages from hams that send a
>"Thank You" addressed to ALL. When one seeks help and
>someone takes the time to respond, the least the receiver of
>help can do is send a simple individual reply for thanks. After
>all-the respondents to this call for help responded one by one.
>I have received up to 75 messages in a call for help and sent
>individual thanks to each. It was very time consuming, but it
>was the right thing to do.
>
>Would you at your wedding, if you were the groom, get up at the
>end of the reception and yell out, "Gee, Thanks everyone for the
>gifts?"
>If you are a T Y P I C A L ham--absolutely.
>
>It is unlikely you will respond to this if you did not even bother to
>respond to someone who H E L P E D you.

You'll have to pardon Fisher. Southern California isn't the only place
plagued by jokers.

As with jammers, just ignore him. He's an embarressment to the rest
of us.

Warren Ring / AB6QE
Columbus, Ohio

1079. Standard HT Batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: bfleet@mbl.edu
Message-ID: <bfleet-1804960641190001@smac12.mbl.edu>
Source record: 202551

I have 2 CNB163 7.2V 1000MAH batteries for the mini series HT's (168,468 etc.) these batteries have seen little use, 35.00 ea. or 65.00 for both. These are shipped prices. bfleet@mbl.edu

1080. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: burch@netline.net
Message-ID: <4l64qk$otp@tesla.netline.net>
Source record: 202552

FCFB17A@prodigy.com (Steven Umbach) wrote:

> If you don't want other bands then stay a way from the Yaesu 736 - my
>experience is they have poor receivers. They overload easily with strong
>ssb signals.

I own a 736R and have been very happy with the receiver. I considered
the 790A. Both radios cost about the same and the Yaesu has a built
in power supply. I like both radios, but ended up buying the Yaesu
and have been very happy with mine. Everyone I know that owns a 736
likes the radio.

KE4ZQV

1081. WTB accessories for IC735

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Saad Mahaini <5606939@MCImail.com>
Message-ID: <4l66ev$2ln@news.internetmci.com>
Source record: 202553

I am looking for the following accessories for the Icom IC735 radio:

AT150 matching tuner
SP7 matching speaker
CW Keyer internal board

All must be in mint condition and reasonably priced. Please respond
directly by email.

TNX

1082. Re: packet mod for ft-2500 wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4l645h$alq@nadine.teleport.com>
Source record: 202554

Hank <kb2rkx@soho.ios.com> wrote:

>Does anyone know where I could find the ptt data on the controle board of
>a ft-2500? I want to make a data port for the radio so that I don't have
>to keep plugging & un-plugging the mic. The manual describes how to do a
>9600b mod that could also be used to bring the Tx,Rx,& Gnd out of a
>cutout on top of the radio, but it DOES NOT show where to find the Ptt.
>I don't want to remove the front/display pannel if I don't have to,
>unless I could find a service manual, just to tap into the back side of
>the mic conector. Thanks, 73 Hank

The 2500 users manual has the pinout of the mike connector. Why not
reverse it for the back side of the connector?

1083. Modification for TM251a???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: jrayol@manaus.pegasus.COM.BR
Message-ID: <3176ADA6.7745@manaus.pegasus.com.br>
Source record: 202555

I need modification for transceiver Kenwood TM 251A VHF.
For transmission 148 to 174 Mhz.
Thanks 73 from Brasil.

1084. Yaesu 50R Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: "Greg Fox"
Message-ID: <4l6fcn$rhc@pico.mega.net>
Source record: 202556

Does anybody know of any mods for the new Yaesu FT-50R? Thanks.

-Greg

1085. FS: Kenwood and Motorola 800 mhz radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: Montbach/Bartlett <caspar@tiac.net>
Message-ID: <3176BDD0.7A1A@tiac.net>
Source record: 202557

Hi there, name here is will. I have a kenwood tk930 LTR-trunked/conventional mobile. the radio has 6 systems. trunked systems can have up to 6 subgroups, conventional systems can have 4 channels per system. You can program trunked and conventional systems simultaneously .The radio supports pl and dpl conventional signalling and is telephone interconnect capable. RF power is 15 watts. I will program and ship for $325.
The second radio is a motorola stx single system portable. Can be either motorola trunking or single channel conventional. Also supports pl and dpl in conventional mode. Asking $200 programmed and shipped. Both radios have been checked out on the bench and are in perfect working order. Contact me at 617-491-2680 till 11 pm est or email. 73,
Will, N1PXA

1086. Ham Gear For Sale Getting Out

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: braymer@InfoAve.NET
Message-ID: <01I3OZ80HJ3690TAA5@InfoAve.Net>
Source record: 202558

Here is a list of ham gear and other stuff i have for sale
i am getting out of the hobbie and going too do some thing
else.

Yaesu FT-301SD HF 160-10 meter Radio with FP-301 Power Supply
And Manual NO Mikephone.The Radio is in Near mint-condition and
works real well,this is the low power radio of the Yaesu 301 line.
Cover AM,CW,SSB. $550.00 shipped

Alinco DR-130T Two meter mobile radio with manual,Touch Tone
mikephone,mobile mounting bracket.Encode/Decode board
need finals put in. $175.00 shipped

MFJ-981 3killowatt antenna tuner works fine near mint-condition
$190.00 shipped

MFJ 1270C Packet TNC use only onces with manuals cable $115.00 shipped

Alinco DJ-F1T HP Two meter HT ONE MONTH OLD with extra Highpower
battaray pack and charger,With manual and Box $295.00 shipped

All gear include shipping US Postal Money Orders Only
If intrested Email too Bobby Raymer AD4HL at braymer@InfoAve.Net

1087. Re: FT530 speaker mic help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: tgreen@jbic.com
Message-ID: <3175a18e.14406433@news.oar.net>
Source record: 202559

"John A. Sutliff" <sutilff@crd.ge.com> wrote:

>I recently bought a used FT530 with MH-29 speakermike. How do
>you program the user definable key on the mike? I did'nt get a
>speakermike manual.
>
>Thanks,
>KB2WFW
>
>sutliff@crd.ge.com
>

Press the user key while turning on the transceiver, then press the
key you want to duplicate. The factory setting has the user key
duplicating the BAND key.
--

T. Greening

All of the above IS my opinion..
DOES reflect the views of my company..
AND is also the opinion of everyone in my family tree..

So sue me....
:)

1088. Re: ? Best 2m/440 dual-bander?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: "Gary L. Crum" <crum@xmission.com>
Message-ID: <3176DF61.7D3@xmission.com>
Source record: 202560

Wes Shull wrote:
> Alinco DJ-G5TH

I have a G5, and it's pretty cool! I use the channel scope now and then, too.

I'd consider the new Yaesu FT-50R, too. It's $340. It might be in a rather different category, though, since it has fewer features (e.g. receives only one frequency at a time) and is smaller. If you get one, let me know! I bet it's great for hiking.

We might even be able to talk on linked repeaters, e.g. via the Malad remote, by the way.

Yes, the Standard C558A is quite comparable, feature-wise. It's great. Talk about a well-designed user interface. I have a friend who has one. There's the C568A, too! But, they're more expensive. See:

1) STANDARD C558A, 2M/440 MINI HT ENC/DEC 40 MEM $529.95, In Stock (minus $30, rebate)
1) STANDARD C568A, 2M/440/1.2 HT W/ WIDE RX $599.95, In Stock
5) YAESU FT-50R-HP, 5W 2M/440 HT W/ EXPANDED RX $339.95, In Stock
1) YAESU FT-530, 2M/440 HT 2W ENC/DEC DTMF PAGING $369.95 (minus $70, coupon)
3) YAESU FT-51R-HP, 2M/440 5W DUAL BAND HT $519.95, In Stock (minus $30, coupon)
2) ALINCO DJ-G5TH, 2M/440 HT W/ 5W BATTERY $419.95, In Stock (minus $10, rebate)
1) ALINCO DJ-582T, 2M/440 DUAL BAND HT NO 800 RX $354.95, In Stock
4) KENWOOD TH-79A(D)-HP, 2M/440 HT W/ 5W BATTERY $479.95, In Stock (minus $20, rebate)

That's from http://www.hamradio.com/search/adv.html .

Call Roger at Standard, at (312)763-0081 to get info about those Standard radios. Sure wish he would update their web pages someday.

Well, that's all for now.

Gary

1089. FS: YAESU FT-890 AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-18 00:00:00 UTC
From: rvranch@aol.com
Message-ID: <4l6gk7$f0u@newsbf02.news.aol.com>
Source record: 202561

Mint Condx with 500hz cw filter -- manual -- $850 and I'll ship

WINK WA8KOQ

1090. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: FCFB17A@prodigy.com
Message-ID: <4l905r$195u@usenetp1.news.prodigy.com>
Source record: 202412

A lot of people like their 736's - it depends what you use them for,
but it is a fact that they do not have as good a receiver as the Kenwood
or Icoms and the ARRL labs testing points this out. They are especially
bad on 70cm. See the note under this topic about that. For hams not
trying to pull out weak ssb signals 10 khz away from a 59+40 local signal
they may work fine, but they are not well suited for weak signal work. I
am glad you like yours though.
--- Steve N9ROU

1091. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: smackay@epix.net
Message-ID: <NEWTNews.829959662.5667.smackay@epix.net>
Source record: 202413

In Article<4l8h55$foj@miwok.nbn.com>, <tech@thereporter.com> writes:

>
> w8jitom@aol.com (W8JI Tom) wrote:
> >I've never seen Eimac employees describe their tubes as "modern, high
> >performance, inexpensive" while directly describing the competition's
tube
> >design as "not driven by technical performance" and "driven by
simplicity,
> >low cost, and superb product promotion".
> >
> >Have you?
> >
> >73 Tom
>
> LIKE some of the other posters here, I personally appreciated the info
> presented in the article. I had just received a new set of 4 572B's
from
> Svetlana, and appreciated as much supportive info on their products as
> possible - regardless of how that info was titled. As already stated in

> this thread, tubes currently availble from Svetlana appear to be of
good
> quality, reasonably priced, and available in types no longer available
> from other sources where they were previously offered. To get all
> torqed up over such a trivial non issue suggests the original poster
> either simply was experiencing a bad hair day or just has too much time

> on their hands and not enough *REAl* things to do....
>
> --
> Gary....KJ6Q *** I AM THE NRA! ***
>
A trivial issue indeed. In past decades ham magazines featured build it
yourself rigs using tubes made by only one manufacturer!
We built them...where do you think all those 4x250, 300,
800 articles came from. The best paper on transmitter construction
was "The Care and feeding of Power tetrodes" by Bill ORR
W6SAI. who I believe was long associated witht the Eitel-McCullough gang.
:-)
My Point: Articles using proprietary tubes got us building and so what.
The Svetlana article was informataive far beyond its
comments about the 4CX1600. Lighten up and learn.
73,
Scott

40 years a building ham

1092. Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <4l958p$4qv@ram2.ramlink.net>
Source record: 202414

In message <DppMD2.1Ls@firewall.tasb.org> - pmzone@clearlight.com (ML., Michigan, USA) writes:
:>
:>Does anyone know if a newsgroup exist where HDTV issues are discussed?

Best place for HDTV information, what little there is at the present time,
is: sci.engr.television.advanced and/or sci.engr.television.broadcast.

:> The projected cost figures of the HDTVs are extremely high compared to
:>current TVs. I suspect the majority of american families will be unable to
:>come up money for the HDTVs.

True, the conversion will be a major economic drain on both the broadcast
industry and the consumer. Broadcasters face conversion costs of up to $35 million per station over the next ten years or so. Even with the expected reduction in per-set costs, the consumer can probably expect to pay more than $1,000 for an HDTV set (28" diagonal, about the same picture
height as a current 21" set).

:> Since HDTV transmissions will be incompatible with the current NTSC
:>transmissions, is it possible and likely that TV accessory manufacturers will
:>come up with an economical convertor box to convert HDTV transmissions into
:>NTSC signals, so that HDTV broadcasts can be viewd by regular NTSC TVs?

There are already several companies planning to build set-top converters.
However, the converters will not be able to provide many of the features of HDTV (wide screen, 1700x1000 resolution, etc) of a dedicated HDTV receiver.

:> Your comments on the topic are appreciated. Please email your response
:>to pmzone@clearlight.com. Thank-you

I have had the opportunity to view several HDTV demonstrations, most recently
at the National Association of Broadcasters Convention this past week.

At
the NAB convention, I compared the effect of HDTV programs on a
conventional
receiver (aproximately the same picture height as a 25" set) and a large
screen (projection) system. HDTV really shines on the projection system
..
the effect is not nearly as dramatic on the conventional receiver
(compared
to the normal "in studio" picture).

One *BIG* advantage of HDTV is its fully digital nature ... the digital
transmission takes advantage of error correction and concealment. If
you
receive a picture, it will be perfect ... no ghosts, no noise, no crap.
However, any problem (including TVI, folks) will likely cause complete
signal/picture loss.

73,

--
... Joe Subich, AD8I
Chief Engineer, WOWK-TV (CBS/13, Huntington, WV)

1093. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: jmccarty@sun1307.spd.dsccc.com
Message-ID: <4l93fl$hbf@sun001.spd.dsccc.com>
Source record: 202415
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4kmu2o$6s8@hpcvsnz.cv.hp.com>, Tom Bruhns <tomb@lsid.hp.com> wrote:
)Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
)
): We cannot directly measure a potential difference, we can only infer
): it indirectly by the charge displacements it causes.
)
)Again agreeing with Gary on this, I'd repeat: you would have good company
)if you believe that potential differences and the fields they imply
)are simply mathematical models to explain the motion of charged particles
)that we can actually observe. If you insist on thinking of a field or a
)potential difference as "real," I have no trouble with that, but it
)also doesn't bother me if you think of it only as a mathematical
)abstraction that you use to explain the forces on the things (charged
)particles) that we can see. But I do have a problem about "potentials

But mathematical abstractions are real. Are you one of those who think
that numbers don't exist? I am a Platonist.

Mike
--
----
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}

I don't speak for DSC. <- They make me say that.

1094. Re: Handheld 2-meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: mjfalk@omnifest.uwm.edu
Message-ID: <4l9le5$uvm@omnifest.uwm.edu>
Source record: 202416

The FT-11R is excellent. I highly recommend it.
AA9RK

1095. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l9msb$h0c@newsbf02.news.aol.com>
Source record: 202417

In article <NEWTNews.829959662.5667.smackay@epix.net>, smackay@epix.net writes:

>The best paper on transmitter construction
>was "The Care and feeding of Power tetrodes" by Bill ORR
>W6SAI. who I believe was long associated witht the Eitel-McCullough gang.

>:-)

I would never object to a technical article that accurately described how to build a tetrode amplifier, or correctly listed the advantages of a particular design.

I do think incorrect technical data presented to make the author's product appear more favorable, while making the competition's product look out of date or less fit for the same application, is out of place in any article.

In spite of all the personal opinions and off -the- cuff comments, I haven't heard a single comment directly addressing my original concern. My puzzlement is:

1.) Is it OK to use a "free" article to pitch your products while slighting the competition? Is that good ethics? I'm not sure, please tell me.

2.) Will it cause any long term problems if magazines with good technical reputations allow manufacturers to do this as a practice? Will it hurt the reliability of the data people trying to learn receive?

I wonder if anyone can help with the actual questions I have, rather than what they think was asked?

73 Tom

1096. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <br68av5ulz.fsf@xmission.xmission.com>
Source record: 202418
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

OK. By following up in the newsgroup, I meant to also give other people a general idea of the replies I received by e-mail.

I can forward the replies to anyone who wants them, by the way.

1097. FS: Surplus H-161C/U Headset-Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: dascom7@ix.netcom.com
Message-ID: <4l8hhl$bft@reader2.ix.netcom.com>
Source record: 202419

I Have 20 Each Government Surplus H-161C/U Headsets With Microphones.
These Are All Unused In Boxes. Made By Sonetronics. Asking $20.00 Each
+ Shipping.. Will Ship COD Or Prepayed.

David

dascom7@ix.netcom.com

1098. Re: Motorola JT1000 info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: jamesar@ix.netcom.com
Message-ID: <4l98oj$9ds@dfw-ixnews2.ix.netcom.com>
Source record: 202420

jamesar@ix.netcom.com (James A) wrote:

To the CAP SAR e-mailer,

I was unable to reply to your e-mail address. Mailer-daemon said no
go. Please send your e-mail address to confirm.

Thanks

James

1099. CAP SAR e-mailer Re JT1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: jamesar@ix.netcom.com
Message-ID: <4l98r0$9ds@dfw-ixnews2.ix.netcom.com>
Source record: 202421

To the CAP SAR e-mailer,

I was unable to reply to your e-mail address. Mailer-daemon said no go. Please send your e-mail address to confirm.

Thanks

James

1100. RE: Beldon 9913

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: Rick McMillion <rickmcm@elite.net>
Message-ID: <01bb2d9b.ee066d40$28ddc7cd@default>
Source record: 202422

Also, watch out for some companies advertising "9913 Equivalent" coax in some of the ham magazines. I bought a 500 foot rool from Cable Experts that was pure junk, and even short runs of it were totally useless on 1200 Mhz. I agree that it is a suitable coax, and you should not have any problems finding type N connectors to fit it. The new 2 piece type N connectors work real nice on it. I also agree that there are other coax alternatives though. THe LMR series is good, and also I've had very good luck with the new Cushcraft Ultralink coax. It is much cheaper than 9913, and the spec's show it to be slightly less lossy at 1000 Mhz.

Also, I don't believe that 9913 has a non-c0ntaminating type jacket.

Rick, WB7UGZ

On Wednesday, April 10, 1996, Cliff Soderback wrote...
> Scott Ryan wrote:
> >
> > Where can I buy (mailorder) Beldon 9913? I have heard that it is the
> > best for long runs & that it is expensive. How much a foot?
>
> Scott:
> Beldon 9913 is inexpensive, but it has some serious drawbacks.
> First: it requires special connectors because the center conductor is
slightly
> larger(9 gauge) than RG-8.
>
> Second: Mechanically 9913 is rather poor. The outer braid is VERY
fragile
> and makes poor connection to the connectors. I have used 9913 for
several
> years and even with the supposed improved connectors have had
connections
> break. The inner conductor is not located very well with the small
plastic
> string and is uneven in its impedence.
>
> The LMR series of cables are much better mechanically and are availible
at
> most 2-way suppy houses.
>
> If you need good transmission line use any of the available hardlines,
they
> cost a little more for the cable and connectors but in the long you will
have
> better connections and lower losses.

>
> Cliff, W7VVA
>

1101. Re: Crystal Oven Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <31774339.2998081@nntp.kaiwan.com>
Source record: 202423

>I'm looking for information on crystal ovens. I want a crystal
>encased in a temperature regulated enclosure. Who manufactures
>these. Any leads are appreciated.
>Steve Ellington N4LQ
>N4LQ@GNN.COM

'Yo, Steve,

Some companies are SO cheap, they use a resistor and heat shrink to keep the crystal at a semi-constant temp.

International Crystals 'usta have them. Most ovens use quite a bit of current.

How much space do you have to spare? I have some that use 6 or 12 VDC and plug into a octal scocket. I have others that are 6V and 12V.

Better yet, go to a two-way radio shop and ask for one. I'll bet you can get one for free!

Tony
WA6IGJ

1102. tncs,440 radios wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: Bart.Dolega@668.station1.planetc.com
Message-ID: <b4a_9604191716@station1.com>
Source record: 202424

```
cheap tncs and 440 radios wanted ...
Bart kb9mla...
```

1103. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4l9asu$sog@nnrp1.news.primenet.com>
Source record: 202425

burch@netline.net (Burch Akin) wrote:
>You have to realize, most internet providers don't offer ALL of the
>newsgroups so people have to post wherever they can. I much rather
>see FS items than the bickering about code or no-code.

Hi Burch, wonder how you would feel if each for sale posting cost
you ten bucks? The total cost for these for sale postings runs into
thousands of dollars, if not hundreds of thousands of dollars. I
don't like paying for them, thank you, and yet I am forced to do
so if I am to read this newsgroup. Why can't you and your kind simply
follow the newsgroup guidelines????

73, Cecil, KG7BK, OOTC

1104. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4l9ajj$sar@nnrp1.news.primenet.com>
Source record: 202426

dnorris@k7no.com wrote:

>Why do we care?

Well, Dean, you can be a person who doesn't care if you choose to. I care that a lot of people have to pay money to download for sale crap that they don't want to read. I'm limited to 20 hours per month. Anything over than costs me money. If I wanted to read for sale crap, I would subscribe to rec.radio.swap which I don't. Why do you think people should be allowed to violate the charter of this newsgroup? If you want for sale crap, go read rec.radio.swap. THAT'S WHAT IT'S FOR!!!!

73, Cecil, KG7BK, OOTC

1105. Drake Amateur Radio club on the web

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: sniper@one.net
Message-ID: <4l6t2p$2v0@news.one.net>
Source record: 202477

The R.L.Drake Amateur Radio Club is on the web at www.i-sol.com/DRAKE
Become an Honorary member !!

Bob

1106. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4l6qbu$537@news.syspac.com>
Source record: 202478

Cecil Moore <cmoore@sedona.intel.com> wrote:

>Cecil Moore <cmoore@sedona.intel.com> wrote:
>>Here's a quote from "Guide to the Personal Radio Newsgroups".
>>
>>"The .equipment group is not the place for buying or selling
>>equipment; that's what rec.radio.swap is for."

>Is there any way to automatically keep "FS" postings off this
>newsgroup? The for sale postings are fast getting to the
>ridiculous level. Maybe we should rename the group
>rec.radio.amateur.equipment-not-for-sale.

>73, Cecil, KG7BK, OOTC (not speaking for my employer)

Why do we care? The FS/WTB postings are generally related to the equipment subject and I, for one, don't mind seeing posts abt FS/WTB gear. I realize this may be a breach of "netiquitte" but who is harmed? Just asking...pse keep the flames to the fireplace! Reasoned comments welcome however.

ths

cdn

C. Dean Norris
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

1107. Re: Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: billsohl@planet.net
Message-ID: <4l7254$5sd@jupiter.planet.net>
Source record: 202479
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.misc

jackl@pinetree.microserve.com (WB3U) wrote:

> mwhite@mitre.org (Michael White) wrote:

>>>The projected cost figures of the HDTVs are extremely high
>>>compared to current TVs. I suspect the majority of american
>>>families will be unable to come up money for the HDTVs.

>>Don't be too sure. Back in the 1950s, even ordinary TV sets cost
>>around $700; that's several thousand in 1990s dollars. Even today,
>>lots and lots of people fork over $2k - $3K for big screen TVs. I
>>even saw an 80 inch set for over $8000 (awe inspiring experience!).
>>Never underestimate the value people place on entertainment.

>This reminds me of an editorial in one of the prominent Hi-Fi
>magazines back in the early 80's. The editor claimed that the cost of
>components and production of the medium itself would prevent *CD's*
>from ever becoming a household item. Sure wish I still had a copy of
>that article.
>Jack WB3U

Look too at the entry level of VCR prices back about 10 years ago
and compare them to today. Ditto that for computers and just
about any electronic equipment you can find.

One of the original four function, no memory calculators I
priced was $300 in 1970. Today we have solar powered,
credit card sized calculators with multiple functions
plus memory for under $10 retail. Who'd a thought
that.

Bottom line is that the production line determines the
volume and drives the development of equipment
with more functionality at lower costs over time.

Heck, even ham equipment sees that. Look at the
price of a full function, multi-mode transceiver
these days. Yes they cost over or around $1000,
but that's cheaper than anything close to the same
capability that was offered 15 years ago. Factor in
the inflation factor and you have ham equipment at
lower prices with greater capabilities than ever before.

Bill Sohl (Amateur Radio Operator K2UNK)
Internet Instructor, Mount Olive (NJ) Community School

1108. Sale FT 990dc + 2kw amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: S9 PLUS <S9PLUS@gnn.com>
Message-ID: <4l73n3$ofj@news-e2c.gnn.com>
Source record: 202480

Hello, My name is Cal.

I am getting interested deeply in 6m allmode and EME.
I have a YAESU FT-990dc w/35 amp external supply in perfect
condition that I bought last March 95. In order for me to
get the allmode equipment I will have to sacrifice the
990 and supply... cost 1800.00 plus after shipping and will
sell for 1400.00 firm. This setup allows the Nice HF you
want and you will have a 35 amp supply to run it and your
whole shack.

Also for sale is my LK500zc Amp Supply 2kw amp... Legal Limit
plus.... it is in beautiful condition and well cared for.
I installed 2 brand new 3-500zg tubes (graphites) for the
heck because it had the same tubes in it from the beginning.
I did not see an appreciable power gain so the old tubes were
in great shape (sold the old ones). I figure the graphites
will never have to be replaced... will sell for 1300.00 firm.

All prices are firm and you pay for shipping.....
Either by check, money order, or C.O.D. only
.... 73 ....Cal, S9PLUS@gnn.com

1109. Yaesu FT-757 gxII info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: kc7fys@aol.com
Message-ID: <4l75ue$mop@newsbf02.news.aol.com>
Source record: 202481

Hello,
I just purchased a good cond ft757 in JA and I am looking for the english manual for the thing--and also anyone who has interesting anecdotes about mods, QRV, etc, with this rig. I am going to install the CW filter when it arrives. Any tips. Please email me.
Jonathan 7j1awl/kc7fys

1110. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l7a4o$o18@newsbf02.news.aol.com>
Source record: 202482

In article <4l6h44$f7j@newsbf02.news.aol.com>, billn9hh@aol.com (BillN9HH) writes:

>
>For many years Eimac employees often authored amplifier article's for QST
>and I don't seem to remember anyone complaining about that. As long as
>the connection between the author and a company is specified, I'd say
most
>of us have enough brains to judge for ourselves whether there is a
>conflict of interest.

A construction article where the user has his choice of tubes is one thing, especially if the author is careful to describe correct circuit operation.

For example, consider a 3-500Z amplifier. The builder could always use Amperex or other brands of his choice. Even a factual technical article about a tetrode, using a Svetlana 4CX1600 wouldn't be objectional it explained why and how to select the various components.

When an article has little technical information, and includes picturesque descriptions of a particular product not even within the scope of the article... but manufactured by the author.... it's gone a bit too far.

That's never occured in articles written by Eimac or Collins Radio employees, they are basic cook book type articles with sound technical foundations.

I've never seen Eimac employees describe their tubes as "modern, high performance, inexpensive" while directly describing the competition's tube design as "not driven by technical performance" and "driven by simplicity, low cost, and superb product promotion".

Have you?

73 Tom

1111. Cheap equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: litgeodr@Julius.ktl.mii.lt
Message-ID: <Pine.ISC.3.90.960419042533.10486G-100000@Julius.ktl.mii.lt>
Source record: 202483

Help!

I am a SWL for six years and now decided to get a full licence. But the problem is that the prices on equipment are very high. I understand that they are very high worlwide, but our incomes level are still rather low and at the same time I am a student - to me buy something is even more complicated.

Maybe, anyone have old, but still useful, or a bit broken transceiver and can sell it for a realy low price (or even make a gift)?

Thanks in advance,

Gintas, LYB-77
E-mail: litgeodr@ktl.mii.lt

1112. Re: Heathkit HR-1680

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4l7mk6$7uc@crash.microserve.net>
Source record: 202484

davek@yoda.psu.edu (Dave Kelley) wrote:

>I'm looking for information on the old Heathkit HR-1680
>ham-bands-only receiver. It was manufactured in the late 1970s.

I don't have my old Heath catalogs anymore, but I thought this was a
big tube-type receiver made in the mid 60's. Perhaps the companion to
the Apache transmitter or the Mohawk?

73,
Jack WB3U

1113. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4l7q5n$a28@crash.microserve.net>
Source record: 202485

>I wrote:
w8jitom@aol.com (W8JI Tom) wrote:

>>Perhaps you've never done an A-B test between a tube hi-fi amp and
>>one using transistors? Whether it's due to the tone controls, the
>>softer clipping of tubes or whatever, there is a distinct difference
>>in the quality of the sound.

>Seriously, I have to go along with Grant. I don't believe it Jack. I
>think people that buy those mega buck tube type amps listen through
>their gills.

I don't have a mega-buck tube amp, but it's not for lack of trying. I
first heard the difference years ago, but too late to pick up a
McIntosh or even a Hafler-designed Dynaco at a reasonable price.

Incidentally, I wasn't kidding about the tests. At one time, I did
double-blind A-B tests over and over because I didn't believe it
either. We tried all kinds of tube amps, from the lowly Scotts and
Fishers up through the most expensive McIntosh. The solid-state
units included some of the best in their day, such as Mark Levinson
(Class A), Ampzilla, Yamaha and the better Harman Kardons. After a
few minutes of listening, I was *consistently* able to tell the tubes
from the transistors.

Incidentally, one guy I used to know had hearing that was apparently
even better than mine. He worked at a high-end retail outlet and had
somehow learned to recognize the sound of various solid-state audio
power amps. We could switch in an Ampzilla or a Bose or a Yamaha, and
he could name the brand. After I saw him do that, I never again
questioned the fact that this equipment all sounds different. I also
never again accused anyone of not hearing something just because I
couldn't. ;)

73,
Jack WB3U

1114. Re: Portable HF vs. Tabletop HF Transceivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4l7q7g$a28@crash.microserve.net>
Source record: 202486

Mitchell <mitchell@n-jcenter.com> wrote:

>I recently acquired my General ticket and am debating on a
>good first-time HF rig... Price is important, but features and
>quality are also essential. Should I consider a portable,
>like an ICOM IC-706, Alinco DX-70T, or a lower priced table
>top ICOM or Kenwood. What are some good used models to consider?

Be careful buying a used mobile rig. If it was actually used mobile,
it probably took more of a beating than its "full-size" cousins.

There are many good used desktop rigs around. Why not give Ten-Tec a
call and see what they have in stock? Depending on your budget, a
Corsair, Corsair II or Paragon might be a good choice. They also have
a free trial period and probably the best customer service on the
planet.

73,
Jack WB3U

1115. ft-51r soft mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: Frode Ren&#65533; Nyheim <frode.nyheim@student.nlh.no>
Message-ID: <3177E6E4.67DC@student.nlh.no>
Source record: 202487

Does anyone know how to use the soft mods on the ft 51r from Yaesu ?

I have found out that if I push the call button and the two volum keys at
the same time I am entering a soft mod meny.

If anyone know what I can do with this menu and how I operate it please
E-mail me.

E-mail : st93frn@student.nlh.no

Thank you.

1116. Re: Questions: National High Frequency Receiv

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4l7s4a$sej@newsbf02.news.aol.com>
Source record: 202488

it's a pretty good radio, worth probably $100 to $225 to a collector.
designed for AM and CW, it'll probably be lacking when compared to modern
sets in today's crowded SSB bands. pretty unit, though

1117. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: Brian Gaff <briang@bgserv.demon.co.uk>
Message-ID: <829911298snz@bgserv.demon.co.uk>
Source record: 202489
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner

I know it is a short binary, but please, do not make a habit of
it. It causes problems. Someone will see it and post 5Mb of
control software and us dial up users will curse them... :-)

Brian

--
briang@bgserv.demon.co.uk
Brian Gaff AKA B G Services - Still supporting Z80
The Spectrum Emulator

1118. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: billn9hh@aol.com
Message-ID: <4l7vbs$stf@newsbf02.news.aol.com>
Source record: 202490

Yes, I have seen many instances of Eimac, and if you go back far enough, RCA, and others touting their products while dismissing other brands as lesser quality.

I believe the author, in this case, was referring to the lesser quality imported tubes we've seen over the last few years, not Eimac, etc., as per the 5894s that we use. There have been some 811s available that could not even be used in some amps as replacements because they were so far from the original spec that they could not be used in a horizontal position, etc.

I still don't see much difference between the parts kit--the author has selected what is in the kit thus giving us no choice. I have done very little ordering of such things, but when a complete board kit is offered, it doesn't seem to me there is much choice on the part of the purchaser. Whether the seller is selling at cost to promote the project, or is making a healthy profit, I can't say. Most would consider the convenience of getting everything from one source at least some offset of any profit by the vendor, I suppose.

Finally, if you have a gripe, if you are a member of ARRL, you should be talking to your director about your feelings. I say again, I think most of us have enough brains to decide whether something is a conflict of interest. The League's job, mainly, as I see it, is to provide information and assistance to the ham community, and I believe the article in question does that. And, apparently, so do about 75% of the replies I've to you original.

73,
bill

1119. Need Manual or Info: Yeasu FT208R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: mgstone@ix.netcom.com
Message-ID: <4l77c1$ddp@dfw-ixnews1.ix.netcom.com>
Source record: 202491

I have a friend who just got his ham ticket.
He is borrowing an old Yeasu FT208R from a relative for the
time being. There is no manual. Main area of interest is
how to program the 10 memory channels, and how to
set the PL Tone. (Does it even have one??)

..Many Thanks for any help, and

73's

1120. FS: 811As RCA NOS Match Quad!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: rsmall01@aol.com
Message-ID: <4l81qe$6f@newsbf02.news.aol.com>
Source record: 202492

```
New from RF Parts..never opened..$110 Shipped!
Dick Voice: 207-767-5143
N1WJP Fax: 207-799-2505
So. Portland, ME EMail: RSmall01@aol.com
**************************************************************************
Interested in purchasing "collector quality" Heathkits 1954-1960
**************************************************************************
```

1121. Re: IC-2350H crossband repeat ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4l812m$o3i@news.halcyon.com>
Source record: 202493

This might help you ..

IC-2340H IC-2350H
Cross Band Repeater Access Codes

FRONT PANEL ACCESS

1. Set the radio for desired frequencies.

2. Push [VHF MAIN], [UHF MAIN], and [SET] simutaneously.

4. To turn off the repeater press [SET] for 1 second.

SETUP FOR REMOTE ACCESS

1. Set the IC-2340H to desired frequencies.

2. Press [DTMF/SCAN] until "REMO" is shown on display.

REMOTE ACCESS (sub band frequency is the control frequency)

1. Enable the control frequency by holding the [MAIN/SUB]. This
will place "SUB" on the display.

2. (Remote Control on) Press [B], {password}**, and [#].
"REMO" and "SUB" will flash on IC-2340H display.

3. (Repeater on) Press [D], [B], and [*].

4. (Repeater off) Press [B], {password}**, and [#]

5. (Remote control off) Press [B], and [*].

** Password is optional if enabled through the setup function of the
radio.

IC-2700H
Cross Band Repeater Access Codes

FRONT PANEL ACCESS

1. Set the radio for desired frequencies.

2. Hang Time- Push and hold [VHF MAIN], [UHF MAIN], and
[SET/LOCK] simultaneously until "L" flashes
on display.
3. No Hang Time- Push and hold [VHF MAIN], [UHF MAIN],
[SET/LOCK], and [DUP/TONE] simultaneously until
"L" flashes on display.

4. To turn off the repeater press [SET/LOCK].

SETUP FOR REMOTE ACCESS

1. Set the IC-2700H to desired frequencies.

2. Press [DTMF/SCAN] until "REMO" is shown on display.

REMOTE ACCESS (sub band frequency is the control frequency)

1. Enable the control frequency by holding the [MAIN/SUB]. This
will place "SUB" on the display.

2. (Remote Control on) Press [B], {password}**, and [#].
"REMO" and "SUB" will flash on IC-2700H display.

3. (Repeater on) Press [D], [B], and [*].

4. (Repeater off) Press [B], {password}**, and [#]

5. (Remote control off) Press [B], and [*].

** Password is optional if enabled through the setup function of the
radio.

IC-820H
Cross Band Repeater Access Codes

1. Add diode on blank position between D27 & D28. Part number is
a 1SS353 P/N 1750000390.

2. Set lock mode by pushing [LOCK].

3. Turn Power off

4. Hold [M/S] and turn on

5. To turn off mini repeater push [LOCK]

IC-281H
Cross Band Repeater Access Codes

FRONT PANEL ACCESS

1. Set both bands to desired operating frequencies.

2. Hold [BAND/SPLIT] and press [[SET/LOCK]. A Flashing "L" will
appear on the display.

3. To turn off the repeater push and hold [SET/LOCK].

The IC-281H will receive on UHF and retransmit on VHF only

Gary

(Rick Bushnell) wrote:
>Hi all,

>Does anyone know if the IC-2350H can be used as a crossband repeater? The
>manual says nothing on this but their is provision made (with an optional
>module) for external DTMF control of the xceiver.

1122. NEED HELP: KWM2 Service Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4l82u5$hu9@pacific.mps.ohio-state.edu>
Source record: 202494

I've recently restored and aligned a nice round emblem KWM2. It seems to work perfectly, except for a glitch with the ALC. When the PTT or VOX relay is first closed, the ALC meter pins momentarily. After a second, the meter recovers and the ALC appears to work normally (until the next time the relay is closed). Before I spend an evening chasing down the problem, I'd be interested in any suggestions from you Collins gurus out there. Thanks.
Jim W8ZR

1123. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: blood@austin.ibm.com
Message-ID: <4l84b7$24s6@ausnews.austin.ibm.com>
Source record: 202495

Let me put my 2 cents in. I published an article in QST in July of 79,
"A digital Morse code clock". I cannot recall what motivated me to do so at
a young age of 26. What I remember about the experience was bitter sweet.
I poured my heart into the project, trying to write with a typewriter,
(no computer word processors then), drawing schematics, trying to be interesting.
Yes, this project had a EPROM that I was willing to program for the readers.
And yes, I stood to make about $2 per eprom that I sent out. So I guess that
this was for profit. Well, let me remind you that QST did NOT pay anything for
the work, I did not even get an extension for my subscription. This was
very disapointing. The entire motivation was just the fame and glory I guess.
Well, anyway, the article did go out. Someone else decided to make a PC board
for the project and market it. This was not my idea, and I was lucky to get them
to send me one board for evaluation... Well, the article went out and over
the next 2 years, some 100+ people actually sent me for the EPROM. It was a lot
of hassle, I had to package them up, and mail them out. I even has one
character send me a bad check! (for just a few dollars) I had one person
send me a note explaining how he thought it was the worse article he had
ever read. (I still remember that). To sum it it, I am working on
another similar article, and If I ever get it done, its going to anyone who
will pay first. I cannot hold it against these authors if they package a
kit and try to make a buck off of this work. It is a LOT of work to
create one of these articles. Look at the repeater control circuit a month
ago, they are trying to sell the project as a kit. I bet their profit
after selling about 100 of them will amount to about $1.98/hour for their
work. So quit the griping about these articles, or you may just not have
any more of them to read....
Roger Blood, KI5YN (was Wa4HBZ)

1124. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: Brian Gaff <briang@bgserv.demon.co.uk>
Message-ID: <829919228snz@bgserv.demon.co.uk>
Source record: 202496
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner

A Binary so short was OK, though mot encouraged on a non binary
group, but I got 6 copies of it here. Better check your
software!

Brian

--
briang@bgserv.demon.co.uk
Brian Gaff AKA B G Services - Still supporting Z80
The Spectrum Emulator

1125. FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: zact@visi.net
Message-ID: <4l85e0$eqe@madrid.visi.net>
Source record: 202497
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have a Polarad Microwave signal generator New in the box with manuals & probes. asking $500.00 OBO call John at (804) 340-7685 or e-mail zact@visi.net
Email me at zact@visi.net

1126. Re: ? Best 2m/440 dual-bander?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: TOPS H/W Coop <topshw@nortel.ca>
Message-ID: <3177806E.747F@nortel.ca>
Source record: 202498

Check out Communication Headquarters. I get all my equipment from them.
Currently have a Icom W31A that is been real good for me. Last weekend
at the hamfest in Raleigh I believe they had them priced 415?

They're on the web http://www.wilmington.net/chq

1127. ICOM 706 MODS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.960419161119.3673A-100000@linux.ea4abb.ampr.org>
Source record: 202499

Hello everybody...

I am Roberto from Spain and I would like any comments and modifications
about the ICOM-706 ...

I have bought one and it cames with full transmit outside the bands and I
need to modify it to carry it to Spanish telecomunications to test it and
give my licence !!!

I hope you can help me.

-- Roberto

_____
Email:ea4abb@ea4rct.clubs.etsit.upm.es | ampr: ea4abb@linux.ea4abb.ampr.org
fidonet: Roberto Munoz 2:341/64.10 | ax25: ea4abb@ea4een.eam.esp.eu
<A HREF="http://www.etsit.upm.es/~rclub">Paginas WEB del Radioclub EA4RCT</A>
********** AND SOON VIA SATELLITE **********

1128. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l8771$1h0@newsbf02.news.aol.com>
Source record: 202500

Hi All,

Let's not talk emotionally about what the artical "feels like or reads like", but what it says. If someone can explain the following to me, maybe I'll change my opinion. But hyperbolic comments like a "tempest in a tea pot" and so on don't address my concerns, and neither do other general "well I think other people have done it" responses. So someone help me with facts, not feelings.

Let me once again clarify... I have no objection to the first part of the article, the part I think is self-serving bunk is the section "The Next Revolution-High Performance Tetrodes'. Without that section, the article would have been very well written, unprejudiced, and truthful.

For example...
In article <Dq2A1E.4Bo@hpqmoea.sqf.hp.com>, dstock@hpqmdla.sqf.hp.com (David Stockton) writes:

> My QST has just arrived, and I quite enjoyed reading that piece. I too
>would consider tetrodes to require more involved circuitry than gg
>triodes, but, then, I'll probably find something I'm not in 100%
agreement
>with in just about any article ;-)

And hence my main point. Can anyone address these questions?

1.) Tetrode PA's are more difficult to operate, construct and design that GG triode amps, the author's contrary statements were technically false. Please explain why tetrodes were incorrectly described as a new "technological reveloution" and listed with advantages they (in fact) do not have?

2.) Why were tetrodes even mentioned in a article about 811's? What do they have to do with 811 tubes?

3.) Why were the references (with the exception of one to an out of business company) only to other articles supporting the author's sales of tetrodes and to the author's company?

4.) What technical or historical function does any of this have, other than to promote the author's tubes over triodes?

> It told more of a story about Eimac and RCA than about anyone else,
>the Russian bottles came over as simply copies of the originals. If
>someone from Svetlana can write in public in such a way, where their
>competitors are favourably treated, then I am pleased.

But they didn't do that. They directly painted Eimac's zero bias tubes, in the closing section, as "not driven by technical performance" and "driven by simplicity, low cost, and Eimac's superb promotion". They inferred the Eimac tubes are old technoligy.

That is either self-serving criticism of another competitor or it is a simple technical fact. Since it is not a true technical fact, it must be self-serving propaganda. Someone please correct me if I've made a technical error in this. I want to be fair.

73 Tom

1129. SKYWARN WEATHER AND TORNADO SPOTTERS!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: betaman@dat.com
Message-ID: <betaman-1904960811230001@s87.tucslip.indirect.com>
Source record: 202501

New homepage relates to severe wx. and storm spotting.

http://www.indirect.com/www/storm5

Dave

1130. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l8bka$2t0@newsbf02.news.aol.com>
Source record: 202502

In article <4l84b7$24s6@ausnews.austin.ibm.com>, blood@austin.ibm.com (Blood) writes:

>Let me put my 2 cents in. I published an article in QST in July of 79,
>"A digital Morse code clock". I cannot recall what motivated me to do so at
>a young age of 26. What I remember about the experience was bitter sweet.
>I poured my heart into the project, trying to write with a typewriter,
>(no computer word processors then), drawing schematics, trying to be
>interesting.
>Yes, this project had a EPROM that I was willing to program for the readers.
>And yes, I stood to make about $2 per eprom that I sent out. So I guess that
>this was for profit. Well, let me remind you that QST did NOT pay anything
>for
>the work, I did not even get an extension for my subscription.

Roger, I'm sorry that happened, but it has nothing to do with my position. Your motivation was clear, your goals honorable

I assume you didn't commercially manufacture the subject of your article, and I also assume you didn't at the end of that article tell the readers "the competition's products are out of date and were driven by simplicity and good marketing, their designs were not driven by technical performance. My products that are not related to the subject of this article are revolutionary, simple, inexpensive, and result in a product that is significantly less expensive."

Any article that contains a summary like that should have the self promoting hyperbole edited out. The article I refered to contains that exact type of self-serving and unnecessary garbage. It not only is self promoting, it is technically untrue.

In all the "it ain't no big deal" arguments, I've yet to see anything directly addressing and reputing facts. The replys run the gamut from "cute but well worn cliches" to replys about other subjects or other articles in general.

No one has responded to the specific area of my concern.

73 Tom

1131. Ten Tec Omni V vs. Omni VI?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4l8e46$3qp@newsbf02.news.aol.com>
Source record: 202503

Fellow amateurs: I am an avid cw op and have decided to make the big money plunge to Ten Tec. What is the difference in durability, operation, and features between the Omni V and Omni VI? I see that the price difference is about $900 on the used market.

Thank you for your comments and 73 de John, WA5TWL...

1132. Re: Heathkit HR-1680

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: jpll@vectorbd.vivanet.com
Message-ID: <4l8ehs$g7g@vectorbd.vectorbd.com>
Source record: 202504

WB3U (jackl@pinetree.microserve.com) wrote:
: davek@yoda.psu.edu (Dave Kelley) wrote:

: >I'm looking for information on the old Heathkit HR-1680
: >ham-bands-only receiver. It was manufactured in the late 1970s.

: I don't have my old Heath catalogs anymore, but I thought this was a
: big tube-type receiver made in the mid 60's. Perhaps the companion to
: the Apache transmitter or the Mohawk?

It's a 70's all solid-state unit with mediocre performance. It is a companion
to the HX-1681 CW only mediocre transmitter.

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Jim Lill jpll@vectorbd.com
http://www.vectorbd.com/users/jpll
wa2zkd@wb2psi.#wny.usa.na
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

1133. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: gary <tech@thereporter.com>
Message-ID: <4l8h55$foj@miwok.nbn.com>
Source record: 202505

w8jitom@aol.com (W8JI Tom) wrote:
>I've never seen Eimac employees describe their tubes as "modern, high
>performance, inexpensive" while directly describing the competition's tube
>design as "not driven by technical performance" and "driven by simplicity,
>low cost, and superb product promotion".
>
>Have you?
>
>73 Tom

LIKE some of the other posters here, I personally appreciated the info presented in the article. I had just received a new set of 4 572B's from Svetlana, and appreciated as much supportive info on their products as possible - regardless of how that info was titled. As already stated in this thread, tubes currently availble from Svetlana appear to be of good quality, reasonably priced, and available in types no longer available from other sources where they were previously offered. To get all torqed up over such a trivial non issue suggests the original poster either simply was experiencing a bad hair day or just has too much time on their hands and not enough *REAl* things to do....

--
Gary....KJ6Q *** I AM THE NRA! ***

1134. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: burch@netline.net
Message-ID: <4l8j0s$90s@tesla.netline.net>
Source record: 202506

Cecil Moore <cmoore@sedona.intel.com> wrote:

>Is there any way to automatically keep "FS" postings off this
>newsgroup? The for sale postings are fast getting to the
>ridiculous level. Maybe we should rename the group
>rec.radio.amateur.equipment-not-for-sale.

>73, Cecil, KG7BK, OOTC (not speaking for my employer)

You have to realize, most internet providers don't offer ALL of the newsgroups so people have to post wherever they can. I much rather see FS items than the bickering about code or no-code.

My internet provider gives us only 3000 of over 15,000 available newsgroups.

KE4ZQV

1135. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: byoung@qni.com
Message-ID: <4l8i9v$rmi@suba01.suba.com>
Source record: 202507

Tom,

You inferred far too much from the article. I'll even go so far as to say that it's possible *your* biases colored *your* inferences.

I read the article and didn't see any "self-serving propaganda". Yes, it was written from the author's knowledge base and personal experience, but I always accept that fact when I read, watch, or listen to anything. If you had written the article, I'm sure it would have reflected your opinions.

I saw an article, which of necessity was terse (printed in a magazine), that provided valuable insight into several types of tubes and their origins. But then again I wasn't looking for anything else.

Bill Young
byoung@qni.com
KB0UZQ

1136. > Help with FT736 mod.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: Rick Wilson <rdw@glenqcy.glenayre.com>
Message-ID: <4l8d93$gup@babylon5.glenqcy.glenayre.com>
Source record: 202508

>I have a Yaesu FT736R fitted with the FTS-8 tone squelch unit.
>I want to mod the radio so it can switch on other equipment
>(such as a tape recorder) when the FTS-8 receives a valid tone,
>and opens the squelch.

>Someone told me to connect a wire to the front panel 'BUSY'
>light, and us a transistor to switch a relay. This is almost what
>I want, but the busy light comes on even when the FTS-8 keeps
>the squelch closed.

>Any ideas?
I have the same radio with the squelch board. I'm sure the accessory came with a schematic. There is at least one point which should toggle between HI and LO as it detects CTCSS. If you don't have a schematic, check the I/O or internal pins as you toggle a test tone squelch signal off and on. Once you find the voltage that jumps up and down, use it as a logic source for your controlled device.
>
>--
>Best 73's
This means "Best Best Regards's". To say 'Best Regards', type 'Best Regards', or '73,' (no apostrophe s) if you must.
>DE Scott - GM7OMU
>Glasgow, IO75tv.

--
Rick Wilson | e-mail: rdw@glenqcy.glenayre.com
fax 217 221 6259 | voice 217 221 6137 | ham call W0KT
se habla espan~ol | ich spreche deutsch | si parla italiano

1137. Re: FT-50R info.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: 73573.1504@compuserve.com
Message-ID: <4l8lhg$2r5@nntpa.cb.att.com>
Source record: 202509

The web page is advertising a MARS/CAPS mod, so even Yaesu here in the US does not have it so far. They have promised to send it as soon as they have it.

Has anyone used one yet? I am waiting for the local radio shop to get their shipment in. The radio sounds to good to be true. Is it?

Chuck <csupak@ucla.edu> wrote:

>Well I held one. It is the same case as the 40 and 10's The radio uses
>the same batt's and case. The 50 also comes with an unadvertised feature:
>a game. Just turn it on by pressing MR and power at the same time and
>there you are. Very neat sounds and moving numbers on the screen. Pause
>is the Ch knob (push it down) and the game keeps score.

>I know of no mods for the 50, yet.

> CS

>--
>Man-Servent Hecubus Fan Club of America.

Opinions Expresses Are Entirely My Own.
In Fact It Is Rare That Anybody Agrees With Me.

Mike Penner | "Firearms Stand Next In Importance To The
Lucent Technologies | Constitution Itself. They Are The American
map@cbmsg.att.com | People's Liberty Teeth." George Washington

1138. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4l8n4b$67j@newsbf02.news.aol.com>
Source record: 202510

In article <4l8h55$foj@miwok.nbn.com>, gary <tech@thereporter.com> writes:

>. As already stated in
>this thread, tubes currently availble from Svetlana appear to be of good
>quality, reasonably priced, and available in types no longer available
>from other sources where they were previously offered. To get all
>torqed up over such a trivial non issue suggests the original poster
>either simply was experiencing a bad hair day or just has too much time
>on their hands and not enough *REAl* things to do....

What a nice technically accurate non-personal response to my questions.
Thank you.

Tom

1139. Re: Help me, IC706 rx pre-amp etc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-19 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-1904961618120001@k4dii.ksc.nasa.gov>
Source record: 202511

In article <31764126.779B@csg.mot.com>, Paul Moller
<Paul_Moller@csg.mot.com> wrote:
> Sorry to say that many times hams get way to obsessed with receiver
noise figure, especially on hf. Atmospheric noise is
> easily many (10+) dB above KTB (thermal noise) thus rendering the best
noise figure of no value. A 2 dB noise figure on an hf
> radio front end is just fine.

Paul-

I was aware of these facts when I got my IC-706. I was somewhat surprised
to find that the pre-amp was needed, especially above 14 MHz.

I came to realize that the problem was not RF signal-to-noise ratio, but
lack of gain. I would just run out of volume control. This is especially
noticeable under mobile conditions, where there may be competing
background noise in the vehicle.

73, Fred, K4DII

1140. Re: FT-50R first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4lbsll$17v$1@mhadf.production.compuserve.com>
Source record: 202312

I talked with an engineer at Yaesu who told me that they goofed and
put a 25kHz filter in there rather than a 75kHz one (for WFM). Hopefully,
this will be rectified soon.

1141. FS/FT:Ericsson GE 800 Mhz HT PC8LGS -$149.00 or trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: bobzito <bobzito@wolfenet.com>
Message-ID: <3179724E.2134@wolfenet.com>
Source record: 202313

FS/FT:Ericsson GE 800 Mhz HT PC8LGS -$149.00 or trade. In excellant condition except for crack in battery pack. Has LCD display, Scan, SPC, Home, Emerg, push-to-talk, LCD back-light, Up/Dowwn frequency channel and volume buttons. Will trade for hand-held scanner, Amateur radio equipment, electronic test equipment etc.
--
<bobzito@wolfenet.com> (Bob Zito) KI7EV WA. State

1142. FINDERS FEE FOR HICKOK 580 tube tester

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: upscale@primenet.com
Message-ID: <4lc8qi$bmp@nnrp1.news.primenet.com>
Source record: 202314
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I need to find one of these, and will pay a $50 referral fee to someone who finds one for me, and I buy it. Thanks.

Kevin Deal
(909) 982-2386

Kevin Deal
UPSCALE Audio Rare Tubes
E-mail for the finest NOS tubes available from
Telefunken, Amperex, Philips NV (Holland), Mullard
(909) 982-2386 pst

1143. Swan 350C HF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: Val Gahagan <sahmie@nando.net>
Message-ID: <3179D94B.125B@nando.net>
Source record: 202315
Cross-posted to: rec.radio.swap;,rec.radio.amateur.equipment

Swan 350C tube HF rig 10-80 meters. AC power supply.
asking $275.00 plus UPS shipping.

Jerry KE4DOW

1144. Ameco 2/6 mtr converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: Tom Dengler <tdengler@ix.netcom.com>
Message-ID: <3179053C.60C4@ix.netcom.com>
Source record: 202316

My brother asked me to post this 'out there':
He bought (hamfest) an Ameco model CB-2 and CB-6 converter and
would like to know if anyone is familiar with these converters
and how they should be hooked up/tuned.

tdengler@ix.netcom.com

1145. Wanted: Info on R-366/TRR-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Message-ID: <31799983.30A5@ghgcorp.com>
Source record: 202317
Cross-posted to: rec.radio.swap,rec.antiques.radio+phono,rec.radio.amateur.equipment,rec.radio.shortwave

Hello all...

Just aquired an R-366/TRR-5 radio that was made by Espey for the Navy,
estimated vintage 1947-1955. Would like to get my hands on manual
and/or schematics.

Any ex-service people out there ever use one of these?

Thanks and 73,
Ben

--
==
+ Benjamin D. Hall, Houston Texas +
+ BDHall@GHGCorp.com BHall@GP802.JSC.NASA.gov +
==

1146. Re: Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BF0325.0027003AF0.uuout@hobbs.com>
Source record: 202318

To: tculin@teleport.com
Subject: Re: Impending HDTV....

T>If you havn't seen a HDTV demonstration go check one out the picture
>is amazing. I watched a demo at the local art muesum, one Japaneese
>short showed someone cooking in the kitchen. You could see very fine
>detail on the hamburger and other items without really trying, you
>could see the small droplets of greese flying off the frying pan. I'd
>say it was easily as good if not better than any fine grained 35 mil
>photo i've seen.

That is an analog system. The US is supposed to be developing a
digital one that could co-exist with the current analog standard.

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|___________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

1147. TR7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: JBraswel <76726.3635@CompuServe.COM>
Message-ID: <4l99nvfhb1@mhafn.production.compuserve.com>
Source record: 202427

Can anyone tell me the pinout on Connector "J"
on the rear of the TR7. It is the PS7
connector.

joeb

1148. Re: Wanted: Manual for HTX-202 Radio Shack 2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: n3vqv
Message-ID: <4l9dvo$lc7@ns2.ptd.net>
Source record: 202428

David Dobrin <au363@lafn.org> wrote:
>
> I have recently acquired an HTX-202 HT Sans manual. I am looking for a
> manual or instruction sheet. I would be happy to
> pay for copy/mailing fees. I have figured out a lot of the commands, but
> would like information on the following codes:
>
> os (seems like offset)
> Ar touch-tone auto reply

> Lb priority-frequency channel look back time
> To (timeout?) transmit time-out
> tE transmit inhibit
> PS power save duty cycle
> ud vacant channel scan direction
> S2 upper scan range limit
> S1 lower''''''''''''''''

> Sd scan delay time
> Sc scan resume
> Sr frequency step
> rc recive subaudible time
> tc transmit sub tone
>
> Thanks,
>
> Dave KD6AOF Westchester, CA
>

1149. SWAN 1200Z ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: w5robert@blkbox.com
Message-ID: <4l9h2b$2j6@news.blkbox.com>
Source record: 202429

Anyone know the tubes inside a SWAN 1200Z?? # of? power?
73 Robert WB5CRG

1150. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: w5robert@blkbox.com
Message-ID: <4l9hei$2j6@news.blkbox.com>
Source record: 202430

: If Svetlana can make a quality product for less, then power (pardon the
: pun) to them.
: A tempest in a teapot!
: Bob W5TKB

IF this is about the MLA2500 conversion, what a waste of bandwidth.
IT IS GREAT THAT QST IS CARRYING SUCH MODIFICATIONS AND EQUIPMENT
CHANGES. I would not call this an upgrade to a MLA2500!, The single
800 tube is far to whimpy to two 8875's that I'll not be rushing out
to change mine out. I'd like to hear about the 1600 tube mod.
73 WB5CRG

1151. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: rolfe@ldp.com
Message-ID: <4l9int$iuc@news-s01.ny.us.ibm.net>
Source record: 202431

In <4l905r$195u@usenetp1.news.prodigy.com>, FCFB17A@prodigy.com (Steven Umbach) writes:
> A lot of people like their 736's - it depends what you use them for,
>but it is a fact that they do not have as good a receiver as the Kenwood
>or Icoms and the ARRL labs testing points this out. They are especially
>bad on 70cm. See the note under this topic about that. For hams not
>trying to pull out weak ssb signals 10 khz away from a 59+40 local signal
>they may work fine, but they are not well suited for weak signal work. I
>am glad you like yours though.

They work fine for weak signal work -- I've used mine on 432 EME with
good results. Normally, in the weak signal part of the band there are
no strong signals (at least in my location) so I'm not sure that the
theoretical weakness is really a problem under real-world conditions.

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

1152. Re: IC-970 is it good ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: rolfe@ldp.com
Message-ID: <4l9itg$iuc@news-s01.ny.us.ibm.net>
Source record: 202432
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

In <4l40s6$8m4@news.mcn.net>, vfiscus@mcn.net (Vince Fiscus, KB7ADL) writes:
>In article <1996Apr15.172744.6313@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>
>>The TS-790A should be avoided for satellite use. It has *serious*
>>design flaws for such usage. Not recomended. It can be Ok for
>>light duty terrestrial use.
>>
>I disagree, while the TS-790 left some things out, it is still a good
>satellite rig.

Only if you are a masochist.

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

1153. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: pacrimgolf@saba.kuentos.guam.net
Message-ID: <4l9idq$f4l@lehi.kuentos.guam.net>
Source record: 202433
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Steven B. Bryant (sbryant@wco.com) wrote:

: Hello-

: I am wondering why I need to ground my radio and power supply using a
: separate ground wire instead of using the the ground normally provided by
: a 3-plug AC connector? Wouldn't a separate ground create a ground
: referencing problem? I'm looking to understand what I need to do when I
: purchase my Power Supply this week and install my system over the weekend.

: I will be using an IC 730 with the IC-PS15 Power Supply. Any help you
: can provide will be greatly appreciated.

: -Steve B. N6EQY

Steve,
You don't NEED to ground things with a separate ground. Sometimes
you can get away with the AC ground. Separate grounds for the radio
gear are helpful when you start experiencing RFI problems. I have run
plenty of stations without one - including the current one which is
1500 watts. It just depends on the location how things work out.

73, Jim KH2D

1154. FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: zact@visi.net
Message-ID: <4l9ipv$hmt@madrid.visi.net>
Source record: 202434
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have a Polarad Microwave signal generator New in the box with manuals & probes. asking $500.00 OBO call John at (804) 340-7685 or e-mail zact@visi.net
Email me at zact@visi.net

1155. FT-50R first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4l9lj4$sja@mule2.mindspring.com>
Source record: 202435

I just received my FT-50R dual band HT and am very happy with it. I won;t say much about physical dimensions, etc. since it is the same as the FT-10/40 which most have seen. I have gotten good reports on transmit audio, and the receive audio is very good as well. The only physical difference wirth mentioning is that the SMA connector is reversed from that on the FT-10/40. Thus, the Comet SMA-3 will fit. I don't have any good reason to do that, though. The supplied antenna seems fine and is 2" shorter. Also, the antenna has a sort of shroud which goes into the radio and seals.

I have discovered one "bug". If the APO feature is on, you cannot select a PL tone in VFO. Note you can turn tone on and off, but you cannot select what it is. This feature works fine (as described in the manual) when APO is off. It's an easy problem to work around, but potentially confusing. Luckily, I had used the feature prior to turning APO on, so I knew it would work and I just had to retrace my steps. I would have been baffled if I had started out with APO on. If someone discovers I am doing something wrong, let me know or post a correction.

All in all, a VERY nice radio. The high power version was only $10 more than low power, so I bought the HP and an additional low power battery. I'd love to see mods to open receive into the 50 MHz and 220 MHz bands.

One other small thing: I tried to receive a broadcast FM station (several in fact) using the wide FM setting. The signal, though strong, was distorted as if wide FM was not quite wide enough. (I did verify that I was set for wide.) Any comments? Don (KE4KYO)

1156. Re: FT530 speaker mic help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: crosbyd@gov.on.ca
Message-ID: <4l9eak$f36@govonca3.gov.on.ca>
Source record: 202436

"John A. Sutliff" <sutilff@crd.ge.com> writes:

>I recently bought a used FT530 with MH-29 speakermike. How do
>you program the user definable key on the mike? I did'nt get a
>speakermike manual.

Hold down the USER button while turning on the power using the PWR button
on the mic. The display on the 530 will say "uSEr". Press the key on
the 530 which you want to assign to the USER button.

73 de Dave

1157. Wanted:220 Mobiles and IBM Laptops

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: Jim Kusznir <kusznir@ridgecrest.ca.us>
Message-ID: <Dq58st.579@ridgecrest.ca.us>
Source record: 202437

Hello all:

I am speaking for Jerry, kk6pa, who is coordinating the construction of Portable Packet stations for use in disasters for the Ridgecrest/China Lake Area (by LA).

We need 220 mobiles (monoband) and inexpensive laptops. The only requirements for the laptops are:
Hard drive
720K 3.5 Disk Drive
Backlighted Display
Serial Port

If you have access to the packet network, Jerry can be mailed directly at:
kk6pa@wa6ybn.#soca.ca.usa.noam

If you don't have access to the packet network, reply to me and I will relay the message.

Thank you,
Jim Kusznir
kusznir@ridgecrest.ca.us

1158. FT-50R ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: Chris@sublime.com
Message-ID: <Chris-1904962143170001@www.sublime.com>
Source record: 202438

Is the new Yaesu FT-50R HT available yet?
Does it do crossband repeat?
Does it have a wideband TX mod like the single band versions?
Looks like a cool radio for its small size, milspec, and DCS capabilites.
First impressions?

Thanks
-Chris

1159. Re: ICOM 706 MODS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: "Richard R. Fasi" <rfasi@castles.com>
Message-ID: <4l9ujo$46p@miwok.nbn.com>
Source record: 202439

Roberto,
Try ftp to oak.oakland.edu their radio mods on the 706 are up to date
73 de Dick KM6PA

1160. RAC 'n Rollup Q&A #3

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: steve.hajducek@bytewise.org
Message-ID: <127.8913.27@bytewise.org>
Source record: 202440

Subject: RAC 'n Rollup Questions and Answers
Date : 1996 - Fir. Apr. 19 18:20 Local/ Sun. Apr. 19 23:20 Zulu
From : Steve Hajducek, N2CKH
TO : ALL RADIO AMATEURS

The following are some of the most common questions and answers regarding RAC 'n Rollup that have been exchanged via internet e-mail during the last week.

Q: Will be able to order both the Callbook CD-ROM and your RAC 'n Rollup program together ?

A: No, I only sell RAC 'n Rollup. However it is readily available from many sources, with the lowest price I have seen being $39.95 U.S. from AA6EE at 16832 Whirlwind/DX10, Ramona, CA 92065 as advertised in "The DX Bulletin".

Q: Does your program work with the revised version of the CD Callbook as advertised in the May QST on page 190 ?

A: Until I received my QST I did not understand this question. The answer according to sources at Amateur Radio Callbook is Yes. I have been told that the "REVISED CD-ROM" has added Country names and Date of Birth to the data and that the .DLL has NOT needed an update. Furthermore, I was told that the new version will not be available until mid May '96 for deliveries. Not having the revised version to work with I can not make and statements other then the fact that some entries in the November version had Country data, and to use those entries with RAC 'n Rollup you simply turn Prefix off or click on the next space in the country list box. Obvisouly with the revised version you would turn Prefix Off.

Q: I see Radio Amateur callbook advertising a revised version of their CD-ROM that has country information and label printing, can I get my money back for my RAC 'n Rollup order I just mailed ?

A: Yes. But, you already have the November version of the CD-ROM, why go buy the same data again for another $50.00 when for $ 9.95 you can use the version you already have ? Furthermore, RAC 'n Rollup is not only the answer for everyone that already has the first version of the RAC CD-ROM callbook, it has and will have additional features that enhance the use of the Callbook in both the current version, this "REVISED" version and future versions.

Q: Where can I get the demo version of RAC 'n Rollup ?

A: The file name is RAC_DEMO.ZIP and is 1.3MB is size and takes about 5 minutes at 14.4KB using Zmodem protocal. At present it is

available from the support BBS at 1-908-363-2760 and both the ARRL and Kenwood BBSes. I have also begun the process of putting a WEB site up, within a week or two I hope to have it in service.

Q: I liked the demo, but how come you do not provide grid square for overseas calls ?

A: Because the coordinates for the stations are not in the database to perform the calculations with. However, RAC 'n Rollup v1.0.1, which is currently being developed will add bearing and distance for both domestic and foreign stations, improved printing support for Laser, Ink Jet and CoStar printers and many other features.

Q: Your help file for RAC 'n Rollup makes mention of you CATCC software for radio control and logging, when can I buy this software and where can I get the demo and tell me more about it, does it do more then change mode and frequency ?

A: This is not a RAC 'n Rollup question, but since RAC 'n Rollup came from code written for CATCC it's only right to give CATCC some attention (I will get carried away) in this forum... so here goes:

CATCC is still under development. It is being beta tested officially by a number of Amateurs in the U.S. and abroad.

The CATCCjr demo that was released into cyberspace in October '95, which is an early version (May '95) updated for Kenwood radio support has acted as a widespread beta test program. Originally there was to be a version of CATCC for each major brand of radios, then the design developed features that necessitated one version of CATCC supporting all radio brands. Considering the level of support of the radio, not just HF but simultaneous HF and VHF/UHF and even multiple radios, with transverters as required, supporting 8 com ports at one time, you can see why CATCC has been in development and beta testing since January 1995. There is nothing else like it on the market.

The demo version (CATCCjr) will be on my WEB site as soon as the site is activated. The demo is now available from the ARRL BBS and my support BBS at 1-908-363-2760 and had been (may still be) on various amateur radio ftp sites worldwide, such as ftp.qrz.com and demon.co.uk and is over a 3MB download.

CATCC does so much more than just change mode and frequency when if comes to radio control that all other software that has been on the market stating "provides full radio control" will want to go and hide. Don't get me wrong, CATCC is not the perfect software for radio control, logging and award tracking, NOT YET! It does however excel at radio control and provides unique features found in no other radio control/logging software yet seen. The demo version is an adequate tease, very functional for radio control of Yaesu and Kenwood radios, simple logging to CT(tm) compatiable file format for importation to your current logging program (should you have one) if you want to just use if for station control. The software is highly integrated with the

real-time data from the DX-Cluster, it provides user programmable DX alerts with alarms and automatic response modes for grabbing spots, a DX Personal Information Manager for preprogramming upcoming DX expeditions and contests from Magazine, News Letter and Packet DX reports well into the future, with up to 20 callsigns or prefixes for each day programmble and automatically loaded at program start of UTC day change so that you never again receive a copy of the DX Bulletin(tm) or CQ Magazine (tm) and forget that DX expedition or Contest when the weekend rolls around, DX voice announcements, DX activity graphs, DX oprating habits tracking and analysis and more tools that help the user achieve DXCC success.

There will be two versions of CATCC release, the first will be full station control and logging to the user choice of compatiable logging programs database formats. The full version will provide its own database logging format and full report generators, award tracking etc. Thus if you are already a long time user of one of the major logging programs and want to keep using it for maintaining your database you can use CATCC/Lite for your station control and logging and the other software for reporting or make the switch to the full CATCC. Currently CATCC supports the following hardware:

Yaesu, Kenwood, Icom and Ten-Tec radios, both HF, VHF and UHF models where exist. JRC and SGC support is forthcoming. AEA MM-3. All the parallel port devices such as voice keyers, switch boxes etc. W9XT voice keyer. All standard packet TNC's. Hy-Gain DCU-1 and SARtek-1 (PDA Associates) antenna rotor controllers, with others under development. For callbooks we support Amsoft, Buckmaster, Radio Amateur Callbook and QRZ.

CATCC will go for $ 49.95 without printed manual and $ 59.95 with, and CATCC/Lite will be $ 29.95 without any printed manual offered. Both will also have shipping and handling costs as well.

RAC 'n Rollup now shipping and is only $ 9.95 U.S. plus $ 1.50 U.S. shipping/handling in the U.S. or $ 5.00 shipping/handling overseas.

Send your orders with Callsign, e-mail address and mailing address to:

RAC 'n Rollup
C/O Stephen B. Hajducek
U.S. Post Office Box 8
Morgranville, New Jersey
07751-0016

Please makes checks or money orders payable to Stephen B. Hajducek.

Thank you.

/s/ Steve, N2CKH

```
+-------------------------------------------------------------------+
| ByteWise(tm) BBS - On-line! since 1988 - SYSOP: Steve Hajducek N2CKH |
| Public access via Node 1 at 1-908-363-2760, 2400-28.8KB 24hrs/day |
| Support BBS for RAC 'n Rollup, CATCC, and b_CRYPT, PC-Sig disk #1382 |
| e-mail info@bytewise.org or n2ckh@bytewise.org |
+-------------------------------------------------------------------+
```

1161. Re: Ten Tec Omni V vs. Omni VI?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4la8mv$586@crash.microserve.net>
Source record: 202441

jchol@aol.com (JCHol) wrote:

>Fellow amateurs: I am an avid cw op and have decided to make the big
>money plunge to Ten Tec. What is the difference in durability,
>operation, and features between the Omni V and Omni VI? I see that
>the price difference is about $900 on the used market.

I haven't used either of these rigs so the information I have is
second-hand. However, what I hear from many folks is that the Omni V
has a *slight* edge over the Omni VI for CW. I believe this is
because the Omni V uses all solid-state switching, whereas the Omni VI
uses reed relays to switch the antenna at the receiver front end.

On the other hand, I was recently told that the Omni V does not have
an actual RIT control, and that the funciton is implemented in an
awkward manner through the buttons that set RX/TX offset. Apparently,
this oversight has been corrected in the Omni VI.

Perhaps other readers who own these rigs can verify whether this
is accurate information.

73,
Jack WB3U

1162. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: hturn@pelican.davlin.net
Message-ID: <31786242.9920307@news.davlin.net>
Source record: 202442

On Mon, 15 Apr 1996 12:14:06 -0400, Joseph M Zawodny
<j.m.zawodny@larc.nasa.gov> wrote:

>Hello,
>
> I am considering one of the following for a satellite, packet,
>and SSB contesting: FT-736R, TS-790, or IC-820H. Assume that I am only
>interested in the 2m and 70cm bands so I don't care about plug in extras
>such as additional bands and the like. What are the pro's and cons for
>each of these rigs? I will be using these with computer control, what
>information can I get FROM the radio via the computer interface? Since
>the 820 is rather new, how does the computer interface differ from the
>IC-970? Will a program that was designed for use with the IC-970 work
>with the IC-820H? I read the QST review of the 820H, but found that it
>did not address many of the items mentioned above.

I have an Icom IC-820H and have been 95% happy. It has an excellent
reciever. I have been given very good reports regarding my audio. Of
the three radios you mention the 820H is probably the most convienent
to use mobile or as a rover if you are a contester.

The disadvantages are.... no RF gain control, both bands cannot be
scanned at the same time, and some of the controls that should have
been on the outside of the radio are on the inside...(such as a small
pot to adjust low power level).

My plan in the future is to wait and see what if any new allmode
muilti-band rigs Kenwood and Yaesu are going to offer in the near
future... they are about due. If there are no new offerings... I'll
use the 820H mobile. and get a TS-790 for home use.
I don't do satellite work only weak signal.

All the interface stuff in the 820H is the same as the 970 by Icom.

Hope I was of some help.

KC5FLJ located in EL17GT

1163. fs: Tandy 3830 Color Laptop - Excellent for Packet!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4lavs1$dui@news.cais.com>
Source record: 202443
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

For Sale: Tandy 3830 Color Laptop
386 system includes Math Co-Processor; with 80 MB internal
HD and
3.5 inch drive. Extra battery included.
This unit is very flat and fits easily in a briefcase.
Great for
portable packet or surveillance system.

3 years of 5 year warranty included and it is
transferrable.

Orig. cost $2900. Now just $1000 takes it away!

This is a private sale but because I have an unrelated small-business
I can accept Visa, Mastercard, or American Express.
If interested Email today, if REALLY interested...use one of the
numbers listed below.

73...Gene McAvoy / KG7XD

1164. Re: Realistic Pro-43 tips and tweeks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: mulligan@ACM.ORG
Message-ID: <4lavk8$h7c@HOPPER.ACM.ORG>
Source record: 202444
Cross-posted to: alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.scanner

Brian Gaff <briang@bgserv.demon.co.uk> wrote:
> A Binary so short was OK, though mot encouraged on a non binary group ...

The real kicker is that it wasn't even a binary - it was a simple text file, uuencoded to either inflate its size or hide its true nature. Additionally, it was irrelevant to the original question (which asked about the non-U.S. model), described unsoldering the antenna (which is unnecessary), and gave the wrong frequency for testing.

> ... but I got 6 copies of it here. Better check your software!

Sounds more like someone trying to jam the newsgroup.

1165. TS-870 given Bad Report in Rad.Com review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: John M Sonley <john@jmsknars.demon.co.uk>
Message-ID: <cgAroDAPeQexEwN4@jmsknars.demon.co.uk>
Source record: 202445

I was planning to buy the new TS-870 until I read the Peter Hart review
in Radio Communication April 1996. He stated that the "close-in dynamic
range was particularly poor"
As my main band during sun-spot minimas is 80m, the DX end, where QRM is
at its worst, this poor close-in signal handling problem sounds pretty
damning

Has anyone out there any experiences with this transceiver that can help
me in deciding whether to buy or not

Regards

John - G3XZV
--
John M Sonley

1166. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: FCFB17A@prodigy.com
Message-ID: <4lb2bk$16se@usenetp1.news.prodigy.com>
Source record: 202446

The weak signal ssb parts of the band can be LOADED with strong signals during a contest or unusual band opening. Those of us who hang around 144.200 know what I am talking about. I have missed more than one badly needed contact with my Yaesu because I was trying to copy a weak signal while my receiver was being trashed by a strong signal 20khz away!!
AA9DL and KC9DX - fellow 2 meters ssb'ers have confirmed the same with their 736r's. Luckily you don't experience this way down low where you hang out. Good luck on the eme. --- Steve N9ROU

1167. Looking for mods for HTX-100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: hillgen@romulus.rutgers.edu
Message-ID: <4lb7id$m@romulus.rutgers.edu>
Source record: 202447

All info appreciated.
Thanks
Jay

1168. Re: ICOM IC-706 75/80-mtr problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: k5qq@aol.com
Message-ID: <4lb6dk$sbp@newsbf02.news.aol.com>
Source record: 202448

Hi Carl

I am packaging my 706 up today to send back.

2 Meters has full 10 watt output and 6 meters has full 100 watt output but the rest of the bands vary from zero on 40 to 30 watts on 10 meters and the rest are 3-10 watts out.

Not sure what to make of it, but something is wacko. I also noticed the current draw dimishes on some of the bands with reduced output but on others the current pulses. I was using a small deep cycle battery that was not fully charged, so the voltage was down a bit.

Anyhow, if you figure out something, let me know. I thought about trying to call Icom, but I can never get thru on their line and I suspect they will just tell me to send it back.

Please send me any good hints you might get Thanks

Jim

K5QQ@AOL.COM

1169. Datatrak J7600 - information needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: andy@cadfael.demon.co.uk
Message-ID: <830024142.18208@cadfael.demon.co.uk>
Source record: 202449

I have just obtained a device which is labled "Datatrak J7600". It appears to be some sort of GPS unit, but it is incomplete. If anyone could supply me with some information about it, I would be very grateful.

TIA

Andy Webb

1170. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lbeoq$i7e@crash.microserve.net>
Source record: 202450

w8jitom@aol.com (W8JI Tom) wrote:

>They directly painted Eimac's zero bias tubes, in the closing
>section, as "not driven by technical performance" and "driven by
>simplicity, low cost, and Eimac's superb promotion". . . .

>Tetrode PA's are more difficult to operate, construct and design that
>GG triode amps, the author's contrary statements were technically
>false. . . .

No one seems to be responding to this from a logical perspective. I
guess some folks will support QST no matter what the breach of faith
with the reader.

73,
Jack WB3U

1171. Re: FT-50R info.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lberg$i7e@crash.microserve.net>
Source record: 202451

Someone wrote:

>The 50 also comes with an unadvertised feature: a game. Just turn it
>on by pressing MR and power at the same time and there you are. Very
>neat sounds and moving numbers on the screen. Pause is the Ch knob
>(push it down) and the game keeps score.

With products like this, who needs CB?

73,
Jack WB3U

1172. Comments on Yaesu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-1804962313110001@192.0.2.1>
Source record: 202452

I'm looking for a 70cm mobile radio w/ alphanumerics, and the Yaesu FT-8500 seems to be the only radio which fits the bill. I can consider a Bendix/King or Motorola UHF commerical radio, but I also wanted VHF capabilities.

Does anyone have experiences with this radio and the programming software? Which microphone do you use? Any other radios, or future models, which may also meet these requirements?

The FT-50R and FT-3000M both offer 800-900 MHz RX (less cellular). Perhaps Yaesu will come out with a "FT-9000" with this feature too. More characters (>6) for the alphanumerics would really be nice too.

Icom offers the IC-2000H and Yaesu offers the FT-3000M, both with alphanumerics, but both only TX on 2m.

Stephen
KF6BTE

1173. Help! Repair, RC 85 Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: John Kester <jkester@cris.com>
Message-ID: <3179436C.59@cris.com>
Source record: 202453

I have a RC85 controller that has been damaged by overvoltage caused by a
bad requlator in the RC85.
There may be several ic's that are damaged. We tried to trouble shoot
ourselves but it is more involved than our understanding of the unit.
I have talked to Link Communication in Montana, the company that bought
out ACC but they do not make repairs nor do they have a suggestion on who
to send it to for repair.
I would like to find someone who is experianced on the RC 85 to look it
over and see if it is cost effective to repair the unit.
If anyone has a suggestion I would appreciate your help.
Please send responce via e-mail.
Thank you for your help!
de KD6FVA, John in Stockton Ca. jkester@cris.co,
Packet = KD6FVA @ W6SF.#NOCAL.CA.USA.NOAM

1174. Kenwood TS-50 Filters??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: Jeff Goebel <jgoebel@rrnet.com>
Message-ID: <317909CD.4172@rrnet.com>
Source record: 202454

I am considering upgrading my TS-50 with a CW and possibly an IRCI 2.1 KHZ SSB filter. Does anyone have any experience with the IRCI filter in this radio? Does IRCI make a CW filter for the TS-50? My info from them is about 1 1/2 years old and only shows the SSB filter.

Thanks for your comments and info.

Jeff Goebel N0VHB
jgoebel@rrnet.com

1175. Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: dougd@lrbcg.com
Message-ID: <4lbj50$5vp@news.dx.net>
Source record: 202455

Could someone tell me what bands this radio (Yaesu FT-101E)
operates on, and what would be a fair price for a good used
one?

tHANKS.

1176. FS in this News Group Question ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: braymer@InfoAve.NET
Message-ID: <01I3RUNWRDPE8Y6NEN@InfoAve.Net>
Source record: 202456

If you dont want folks too list there FS stuff in this newsgroup then
why dont you STOP ALL Listening then.
Your Newsgroup address said HAM-EQUIP i seen nothing for
Not Posting and FS Gear in this newsgroup.

How does one unsubscribe from this and ill be glad too look else where or
start my own listserv for FS stuff.

Bobby Raymer AD4HL

1177. Re: FT50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: David_Edger@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960420_163900_edd67ef1@fidonet.org>
Source record: 202457

I'm having a ball with the FT-50. It is a dual bander, but not a twin band, i.e. you can only hear one band at a time. But, it has a tremendous wide receive coverage, much like a scanner. Very hot throughout the range, 100 memories, battery voltage meter, five watts output, excellent audio, etc.
Only gripe I have is that tone scan is an option, but otherwise the radio has just about everything. Price is great too, about $330.

1178. Re: Help! Repair, RC 85 Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4lbq40$hsb@guyana.it.earthlink.net>
Source record: 202458

John Kester <jkester@cris.com> wrote:
>I have a RC85 controller that has been damaged by overvoltage caused by a
>bad requlator in the RC85.
>There may be several ic's that are damaged. We tried to trouble shoot
>ourselves but it is more involved than our understanding of the unit.
>I have talked to Link Communication in Montana, the company that bought
>out ACC but they do not make repairs nor do they have a suggestion on who
>to send it to for repair.
>I would like to find someone who is experianced on the RC 85 to look it
>over and see if it is cost effective to repair the unit.
>If anyone has a suggestion I would appreciate your help.
>Please send responce via e-mail.
>Thank you for your help!
> de KD6FVA, John in Stockton Ca. jkester@cris.co,
> Packet = KD6FVA @ W6SF.#NOCAL.CA.USA.NOAM

I know something of the ACC systems...being a long time RC850 owner and
having all manuals on the RC 85s since day one...

What does it do and NOT do right now?

What regulator failed and what was the input voltage at the time of the
failure? Was it lightning or something else that caused it?

Chris
WB5ITT

1179. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4lbqcb$hsb@guyana.it.earthlink.net>
Source record: 202459
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>How many times do I have to read messages from hams that send a
>"Thank You" addressed to ALL. When one seeks help and
>someone takes the time to respond, the least the receiver of
>help can do is send a simple individual reply for thanks. After
>all-the respondents to this call for help responded one by one.
>I have received up to 75 messages in a call for help and sent
>individual thanks to each. It was very time consuming, but it
>was the right thing to do.
>
>Would you at your wedding, if you were the groom, get up at the
>end of the reception and yell out, "Gee, Thanks everyone for the
>gifts?"
>If you are a T Y P I C A L ham--absolutely.
>
>It is unlikely you will respond to this if you did not even bother to
>respond to someone who H E L P E D you.

You excessive whinning and moaning and groaning will NOT be missed here
or in the FIDONET echos..

I thought you were leaving this hobby....WHY do you continue to badger
people in the newsgroups and echos? GROW up and get out! (ya know, there
are ONLY 3 people I have wished that to since getting into ham radio at
the age of 14....and you're ONE of them!)

Chris
WB5ITT

1180. Re: FS: Midland UHF 70-245AXT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4lbqfk$hsb@guyana.it.earthlink.net>
Source record: 202460

waltech007@aol.com (Waltech007) wrote:
>UHF, Low Split, 16 channel, 2/5 watt, tone board with battery, antenna and
>belt clip...Unknown battery condition...No Charger...$75.00 shipped
>COD....
>Interested? E-mail Radiotradr@AOL.COM...

Still available???

Im interested in it....

Chris
WB5ITT

1181. Yaesu FT-900 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-20 00:00:00 UTC
From: drgrant@zipnet.net
Message-ID: <31797434.7544061@news.zipnet.net>
Source record: 202461

Anyone have, or know where I could get, some data on how to modify the FT-900?

-Thanks in advance,

-Mike Capone (N1RSR)

1182. Henry 1KD5 Mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: tjenkins@pnet16.navy.mil
Message-ID: <Dq879F.Ht8@nctamsep.navy.mil>
Source record: 202262

Title says it all. Have an older Henry 1Kd5 1KW linear, would like to know if there are any factory (or otherwise) modifications for it.

Thanks in advance.

--Tom (W3QP/KH6)

INET: tjenkins@pnet16.navy.mil

1183. NEED manual + Schematic LAFAYETTE HE80

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: JBraswel <76726.3635@CompuServe.COM>
Message-ID: <4lebcu$e5s$1@mhadf.production.compuserve.com>
Source record: 202263

NEED Manual + Schematic for Lafayette HE80 Receiver
joe
jbraswel@pcs.bls.com

1184. Re: TS-870 given Bad Report in Rad.Com review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Paul O'Kane EI5DI <okanep@iol.ie>
Message-ID: <317B265C.5B96@iol.ie>
Source record: 202264

John M Sonley wrote:
>
> I was planning to buy the new TS-870 until I read the Peter Hart review
> in Radio Communication April 1996.

In my experience the RadCom review is accurate. If you're a serious contester in the major worldwide events you'll have problems. If not, you'll probably never notice anything.

Although the 870S uses digital filtering, it also has conventional crystal and ceramic filters in the 8 MHz and 455 KHz IFs. The narrowest conventional filters are 3 KHz. I replaced the stock 3 KHz filters in my TS870S with 8 pole 2.1 KHz crystal filters in both IFs from International Radio in Florida.

I had previously used the same filters in both a TS830S, a TS830M (same as the 830S but with the addition of AM, and no provision for CW filters), and the 455 KHz filter in a Yaesu FT990. Athough the 830M had no CW filters, I found that the combination of high quality 8 pole crystal filters and variable bandwidth tuning gave me all the selectivity I ever needed for CW contests. I had previously used Kenwood's 500 Hz CW filters in both IFs on the 830S, but found them too narrow for CW contesting because I missed stations calling off frequency.

In the 870S the International Radio filters give a marked improvement. I can't say how much, but I have done a direct comparison with an unmodified rig and it's worthwhile. They are automatically switched in when you select a bandwidth (the difference between your selected low and high cutoff frequencies) of 2400 or less.

One other observation. I used my 870 in an International Marconi Day station this weekend. We had two stations using separate wire antennas which were physically close together. When one station was transmitting on 80m, both a TS940S and an FT990 on 20m suffered from serious breakthrough and were unusable. The 870S was completely unaffected because its internal auto-ATU also works on receive and gave the necessary additional isolation.

Finally, if you enjoy AM listening, whether on LF of HF, there's nothing to touch the 870S for audio quality. It's a pleasure to listen to. On SSB also, as conditions permit, you can increase the bandwidth and hear SSB sound like it never did before.

Every radio is a compromise in some respects. You can't have the best of everything in a single rig. Because I do a lot of contesting, I had been thinking of selling my 870S, but now, and especially with the "new" filters, I've decided to keep it.

73,
Paul EI5DI

PS: The inbuilt keyer (same as the Super CMOS II or the Logikey) is the best available on any rig.

1185. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <4ledgu$77k@ram2.ramlink.net>
Source record: 202265

In message <4l9hei$2j6@news.blkbox.com> - w5robert@blkbox.com (Robert Wood) writes:
:>
:>IF this is about the MLA2500 conversion, what a waste of bandwidth.

This is about the article by W6TC in the April QST (The 811A: Grandfather of
the Zero Bias Revolution). The original poster contends that the article
represents a shameless plug for Svetlana tubes based on the last section
(two paragraphs).

I've known George Badger for several years. The article is a very good history of zero bias tubes and, yes, being the marketing person he is, George just couldn't resist the chance to get in a plug for his products.

:>IT IS GREAT THAT QST IS CARRYING SUCH MODIFICATIONS AND EQUIPMENT
:>CHANGES. I would not call this an upgrade to a MLA2500!, The single
:>800 tube is far to whimpy to two 8875's that I'll not be rushing out
:>to change mine out. I'd like to hear about the 1600 tube mod.

I would be interested in hearing W8JI's take on this modification. However, the Svetlana 4CX800 should do a very nice job replacing a pair of 8875s. The 4CX800 has th same plate dissipation capability as the pair of 8875s and if the cathode has sufficient emmission (enough current capability) it should be a good candidate to replace the very expensive and very fragile 8875s.

--
73,
... Joe Subich, AD8I
(subich@ramlink.net)

1186. flaky display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: muddywtr@epix.net
Message-ID: <4leepg$7vt@guava.epix.net>
Source record: 202266

help - friend has hf rig, using NEC PD 549A as display driver.
we cannot seem to find a suply of these devices. The manufacturer has discontinued
this particular device. so if anyone has any ideas\or a supplier pls
contact me.

1187. Re: Wanted: Manual for HTX-202 Radio Shack 2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: jrw4@ix.netcom.com
Message-ID: <4lcfc3$k4h@dfw-ixnews8.ix.netcom.com>
Source record: 202267

In article <4l9dvo$lc7@ns2.ptd.net>, n3vqv <@postoffice.ptd.net> wrote:
>David Dobrin <au363@lafn.org> wrote:
>>
>> I have recently acquired an HTX-202 HT Sans manual. I am looking for a
>> manual or instruction sheet. I would be happy to
>> pay for copy/mailing fees. I have figured out a lot of the commands, but
>> would like information on the following codes:
>> Thanks,
=SNIP=
>> Dave KD6AOF Westchester, CA
>>

Dave --

I can't help you personally, but your local Radio Shaft, er, Shack can...

Give 'em the catalog number, & ask a rep to order you one. It'll probably run
you about $3 - $5, but at least you'll have one.

-JRW4
KB5ZBR

1188. Dentron GLA1000B Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Kenneth Neal <klneal@concentric.net>
Message-ID: <317AC6B3.588E@concentric.net>
Source record: 202268

I have a Dentron Amp model GLA-1000B. It is
possable to
fix this amp to work on 10 meters. My problam is I
need to
know the size of the two capacitors and one coil.
Can anyone
help me out.

The Company no longer is in business so I can't
get the
information from them. If anyone has the
information please
let me know.

Thanks

Ken KB0SAV
klneal@concentric.net

1189. Re: SWAN 1200Z ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: "Tom C. Brown, Jr." <tbrown@TECLink.net>
Message-ID: <317ACEF3.6CDD@TECLink.net>
Source record: 202269

Robert Wood wrote:
>
> Anyone know the tubes inside a SWAN 1200Z?? # of? power?
> 73 Robert WB5CRG

Hi Robert-

I can't say about the "Z" model, but my Swan 1200X runs four 8950 sweep tubes and I have measured 600 watts PEP RF output from it, into a 50 ohm load. I know there were several iterations of the 1200 linear amp, and I think some ran 6LQ6 tubes.

It's a good amp. Very small and portable. The main thing I am constantly tempted to improve is the metering. The little edge reading meter on the front panel is all but useless.

73, Tom KJ5IE

1190. Re: FT-50R info.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: cbragg@pacificnet.net
Message-ID: <cbragg-2104961849300001@news.pacificnet.net>
Source record: 202270

In article <4l8lhg$2r5@nntpa.cb.att.com>, 73573.1504@compuserve.com (Mike
A. Penner) wrote:

> The web page is advertising a MARS/CAPS mod, so even Yaesu here in the
> US does not have it so far. They have promised to send it as soon as
> they have it.
>
> Has anyone used one yet? I am waiting for the local radio shop to get
> their shipment in. The radio sounds to good to be true. Is it?
>
> Chuck <csupak@ucla.edu> wrote:
>
> >Well I held one. It is the same case as the 40 and 10's The radio uses
> >the same batt's and case. The 50 also comes with an unadvertised feature:
> >a game. Just turn it on by pressing MR and power at the same time and
> >there you are. Very neat sounds and moving numbers on the screen. Pause
> >is the Ch knob (push it down) and the game keeps score.
>
>
> >I know of no mods for the 50, yet.
>
> > CS
>
>
>
> >--
> >Man-Servent Hecubus Fan Club of America.
>
> Opinions Expresses Are Entirely My Own.
> In Fact It Is Rare That Anybody Agrees With Me.
>
> Mike Penner | "Firearms Stand Next In Importance To The
> Lucent Technologies | Constitution Itself. They Are The American
> map@cbmsg.att.com | People's Liberty Teeth." George Washington

I own one and have found the mod for extended transmit. It's the No. 1
jumper pad that you have to remove the solder from.(there is only 3 jumper
pads visible from behind the keypad. You are then able to transmit
vhf-140thru174 uhf-420thru469 mhz.

1191. Re: FT-50R first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: cbragg@pacificnet.net
Message-ID: <cbragg-2104961855190001@news.pacificnet.net>
Source record: 202271

In article <4lciq6$q6v@chile.it.earthlink.net>, ANDREW JENTIS
<andrewj@earthlink.net> wrote:

> I also feel the FT50R is a great radio. I am getting lots of intermod in
> the 482 mhz area on a NBFM signal. any ideas on reducing it? also; who
> sells sma antennas that fit the radio? the standard is too long.
>
> andy n6xkn

The radio comes stock with wide fm set as default in that freq range.You
have to manually select narrow fm.

1192. FS -- HEATHKIT BROADCAST RECEIVER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Apr21.211047.118305@kuhub.cc.ukans.edu>
Source record: 202272

Model BR-2
AM Broadcast receiver
Heath Company - Benton Harbor, Michigan

I found this one at an estate sale this weekend, and I think that it dates back to the early 1950s. Excellent mechanical and cosmetic condition, but needs some circuit troubleshooting.

Please e-mail with offers or requests for additonal info.

73s

Bill Worthington
AA4FM/0
Eudora, Kansas, USA

1193. Yaesu 840 mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Joe <kd4bfi@mailhost.nando.net>
Message-ID: <317AC7C6.4A89@mailhost.nando.net>
Source record: 202273

Looking for any mods for the 840 !

1194. Re: FT736R performance on 70cm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <4lf8nb$daq@handel.seattleu.edu>
Source record: 202274

>In article <dgfDpx8vK.4Hz@netcom.com> dgf@netcom.com (David Feldman) writes:

> On the FT736 how do you copy a Memory to VFO? There is a V->M key and
> a V<->M key, but no M->V key as far as I can see. Is there a trick to
> this I never discovered?

Simple. You use the V<->M key to exchange the memory with the VFO. Then
hit the V->M key to copy the frequency back to the memory channel.
Roundabout, but it works.

73,
Peter - KD7MW

--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Information Services, ext. 5569 : | | | | | | | |
Seattle University : @| @| @| @| @| @| @| @|

1195. Re: Yaesu 50R Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: tom.howley@moa.net
Message-ID: <4le2qh$hk5@mordred.cc.jyu.fi>
Source record: 202275

I am about to buy this radio, if anyone has any mods for this one,
please let me know also!!

In article <4l6fcn$rhc@pico.mega.net>, GregFox says...
>
>Does anybody know of any mods for the new Yaesu FT-50R? Thanks.
>
>-Greg

1196. Re: Wanted: Manual for HTX-202 Radio Shack 2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: feustel@netcom.com
Message-ID: <feustelDq7spE.3Dp@netcom.com>
Source record: 202276

JRW (jrw4@ix.netcom.com) wrote:
: In article <4l9dvo$lc7@ns2.ptd.net>, n3vqv <@postoffice.ptd.net> wrote:
: >David Dobrin <au363@lafn.org> wrote:
: >>
: >> I have recently acquired an HTX-202 HT Sans manual. I am looking for a
: >> manual or instruction sheet. I would be happy to
: >> pay for copy/mailing fees. I have figured out a lot of the commands, but
: >> would like information on the following codes:
: >> Thanks,
: =SNIP=
: >> Dave KD6AOF Westchester, CA
: >>

: Dave --

: I can't help you personally, but your local Radio Shaft, er, Shack can...

: Give 'em the catalog number, & ask a rep to order you one. It'll probably run
: you about $3 - $5, but at least you'll have one.

You can also order a maintenance manual (including schematic) from Radio Shack.
It will be sent to you by mail within a week.
--
feustel@netcom.com
Dave Feustel N9MYI - NRA Life
Fort Wayne, IN For PGP Public Key, finger feustel@netcom.com
219-483-1857 Or else access http://www.mixi.net/~feustel/

1197. FS Icom R7000 w/HF Converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: cturner@popalex1.linknet.net
Message-ID: <4le45k$54n@news.linknet.net>
Source record: 202277

I have an Icom R7000 Receiver Serial #06298. It comes with a DC cord, service manual and an external HF Conveter that covers 500Khz to 30 Mhz(upconverts to 100.5 to 130.0 Mhz), Excellant working condition but has a few minor scratches (No Mods).

Best Offer or Trade?? Woud consider Amateur Radio HF Transceiver.

Clifton KF5OJ
cturner@linknet.net
318-442-4734

1198. Wanted: Atlas Crystal Oscilattor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: dennis_penn@fullcoll.edu
Message-ID: <4le8qk$fvs@doc.zippo.com>
Source record: 202278

I am looking for the Atlas 10X Crystal Oscillator and Crystals
Dennis
KA6VKP

1199. HELP! Kenwood IF-10C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: billh@gn2.getnet.com
Message-ID: <4ldnug$sq2@news.getnet.com>
Source record: 202279

I need a IF-10C or at least the schematic for one; for my Kenwood
TS-140S.
Thanks
Bill W7JSW
billh@getnet.com -or-
p05328@email.mot.com

1200. NEED FT-8500 MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: alelks@fay.infi.net
Message-ID: <3179a6cf.12550822@news.fay.infi.net>
Source record: 202280

Anyone have any Yaesu Ft-8500 MODS
alelks@foto.infi.net

1201. Re: Akaline Disposal

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: "h.baillie-johnson" <h@oncology.demon.co.uk>
Message-ID: <+sVG2BAwYrexEw5C@oncology.demon.co.uk>
Source record: 202281

In article <4krlv7$188@ka4ybr.netmha.com>, Bob Duckworth
<rmd@ka4ybr.netmha.com> writes
>In article <4kpkid$lnb@news.mainelink.net>, <dlawson@mainelink.net> wrote:
>>dnorris@k7no.com wrote:
>>
>>>las5s@kelvin.seas.Virginia.EDU (Lauren Schiff) wrote:
>>
>>>>Hello,
>>
>>>> I am currently researching alkaline
>>>>disposal/recycling. Our search and rescue team is located in
>>>>Charlottesville, Virginia.
>>
>>>> Lauren
>>
>>
>>>I have to admit I am intreagued by your post. Alkaline what disposal?
>>>Batteries? What does this have to do with Search & Rescue? I can see
>>>it now... You are performing a search/rescue in the mountains but your
>>>battery dies... Halt. Call it off. "Give a hoot-Don't pollute",
>>>Back to the base men/women! We must be environmentally/politically
>>>correct.
>>
>>
>>> C. Dean Norris
>>> Amateur Radio Station K7NO
>>> e-mail to dnorris@k7no.com
>>
>>they make lovely earrings
>>
>
>It's a valid concern. Alkaline batteries contain a significant
>amount of Mercury. I would not be surprised if some of the battery
>manufacturers have recycling programs.
>
>At one time radio shack advertised that they would accept
>Alkaline batteries for recycling but the store managers
>I spoke with knew nothing of the program.
>
>-bob
>

I recharge 'em, for several useful cycles depending on condition. -h.
--

h.baillie-johnson

1202. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: nitz@clark.net
Message-ID: <4lc1no$r5u@clarknet.clark.net>
Source record: 202319

In article <4lbj50$5vp@news.dx.net>, dougd@lrbcg.com says...
>
>Could someone tell me what bands this radio (Yaesu FT-101E)
>operates on, and what would be a fair price for a good used
>one?
>
>tHANKS.
>

Doug:

The Yaesu ft-101e operates 10, 15, 20, 40, and 75/80 meters. I believe that it also receives on 10Mhz. I owned that radio from 1977-1984, and I enjoyed it very much. I believe that they sell for between $250 and $450, depending upon features and condition.

Best Regards,

[Jim Nitzberg WX3B]

1203. Re: TS-870 given Bad Report in Rad.Com review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: nitz@clark.net
Message-ID: <4lc25n$r5u@clarknet.clark.net>
Source record: 202320

In article <cgAroDAPeQexEwN4@jmsknars.demon.co.uk>, john@jmsknars.demon.co.uk says...
>
>I was planning to buy the new TS-870 until I read the Peter Hart review
>in Radio Communication April 1996. He stated that the "close-in dynamic
>range was particularly poor"
>As my main band during sun-spot minimas is 80m, the DX end, where QRM is
>at its worst, this poor close-in signal handling problem sounds pretty
>damning
>
>Has anyone out there any experiences with this transceiver that can help
>me in deciding whether to buy or not
>
>Regards
>
>John - G3XZV
>--
>John M Sonley

John:

I've owned an 870 since December, 1995 and have logged about 100 hours on it. Rarely have I experience the "close-in dynamic range" problem. I have noticed, however, that the receiver is quiet and very easy to listen to. I traded up from an 850S/AT and the 870 is light years ahead of the 850.

The 870 got an excellent review in QST several months ago, although they also pointed out the potential problem for close-in signal handling. Practically speaking, however, this is rarely a problem. I work about 50% CW and 50% SSB and have been somewhat active on 75 meters at night.

There's a good war being waged right now between the Kenwood 870, Yaesu FT-1000MP and the ICOM 775. I've yet to talk to anybody with these radios who's regretted their decision.

Good luck with your decision, John.

73,

[Jim Nitzberg WX3B]

1204. Re: TR7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4lc8di$kgt@shore.shore.net>
Source record: 202321

JBraswel <76726.3635@CompuServe.COM> wrote:

>Can anyone tell me the pinout on Connector "J"
>on the rear of the TR7. It is the PS7
>connector.

>joeb

"J" is the PS7 Control - that is providing we are speaking from the
same sheet of music.

Pin Function

1 AC from switch
2 AC to switch
3 NC
4 NC
5 NC
6 AC to fan
7 NC
8 VOX relay (linear)[sic]
9 ALC input
10 Ground

Mates with S-310-CCT

Hope this helps.

73 de jim
wk1v

1205. Yaesu FT101 Mods/Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: wtpoe@ro.com
Message-ID: <4lcbe3$e1b@news.ro.com>
Source record: 202322

I have a Yaesu FT101 and would like information on the modifications that can be done on this rig mainly with WARC bands. I am interested in other mods too.

thanks,

Wyatt KF4CHZ

wtpoe@ro.com

1206. Re: HOW TO SOLDER THOSE TINY PC BD CONNECTIONS?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.041137.2913@ke4zv.atl.ga.us>
Source record: 202323

In article <4kv57u$h39@news2.delphi.com> JSE@delphi.com writes:
>
>I've been away from electronics since I built my first ham station
>in the days of Ye Olde Vacuum Tubes. All electronics were easy to
>work on when innards were just tubes and wiring.
>
>Now I'm trying to make a few simple repairs inside a handheld
>transceiver, and I find that even the tiniest 10 watt tip on
>my soldering iron is much too big to heat a tight connection
>on the PC board without also heating the connections to the left
>and right.
>
>Are special soldering irons available with teeny-tiny tips?
>Or do I file down my smallest tip to make it fit into the
>necessary spaces?

(Note, if your iron uses copper tips (it probably doesn't),
you can file them to shape, but if it uses plated iron tips,
filing will ruin them)

Yes, there are needle tips available. Weller has a series of
them for their soldering stations, including some that are
very long and skinny. The problem is that they are so fine
that there is very little heat flow. This means you have to
leave them in contact with the board too long, and can damage
board or components and still not get a good solder joint.

Weller also sells tips with a fine chisel point in 1/16th
and 1/8th inch widths. These are better. If you have room
to get a chisel face down against the joint, these will
do a good job. But on a tight board there isn't room to
get the tip down where you get good heat flow, and you have
to use just the knife edge of the tip, and that's almost
as bad as the needle point tips.

For surface mount work, however, you don't want to use an
iron at all. What you want to use is a static hot air
source. There are elaborate static hot air sources built
into some SMD rework stations from companies like Pace,
but the plain little Weller Pyropen *Jr* is just fine for
field repairs.

This is a wonderful little pocket tool. It runs off butane,
and has a series of different static hot air shrouds available
to suit different soldering and desoldering tasks. It even has
some regular fine soldering iron tips available for those times

when you need to work on thru-hole mounted parts. There's also a big brother, the Pyropen, that can be used with really big tips, suitable for soldering PL-259 connectors outside in the wind, but you'll find no use for that working on the innards of a HT. I keep one of each in my toolkit, and a spare refill can of butane.

If you don't have a lot of SMD experience, and if you've never worked with a static hot air source before, you should practice on some scrap. The techniques are different from what you are used to with soldering irons.

You'll need the Pyropen Jr, a good jeweler's loupe (I use an 8x B&L), a sharp pair of tweezers, some SMD solder paste, some wooden toothpicks, some clean solder wick, and a bit of modeling clay. The latter is to form a dam around the work to confine the heat to just the part you're trying to replace.

Lets suppose you've found a bad part in a SO-8 package that needs to be replaced. Use the clay to form a dam around the part so that the nearer solder joints of other parts are protected. I normally roll the clay between my fingers to form a thin worm and lay it directly over the joints I want to protect. You can use the tweezers and toothpicks to help you position and press down the clay.

Now select the proper shroud for the Pyropen Jr so that you'll get good heat flow over the part to be desoldered. With tweezers in one hand and heat source in the other, quickly heat the part until you see the solder melt, then lift it off with the tweezers. Some parts may have adhesive holding them to the board for their passage through the reflow machine at the factory. If that's the case, a slight twist with the tweezers as you lift will bring the part right up. Don't overdo the heat, no more than a second should be required even for larger SMD parts.

Once you have the old part off, clean the pads with the solder wick to prepare for the new part. Just press it down with a toothpick over the pads and hit it with the hot air source. The piece you use has to be *clean*, and you might want to keep some liquid flux around to help it out.

Ok, now you've got nice clean pads for the new part. Take a toothpick and put a tiny dab of solder paste on each pad, then use the tweezers to set the part in place. Don't worry if it isn't perfectly lined up on the pads. Now hit the part with the hot air source. When the solder paste melts, its surface tension will pull the part into perfect alignment, you don't need to poke at it. Now remove the heat and let cool. Remove the protective clay dam and

you are done. It should look like the factory's work
and no one should be able to tell that you've done a
repair.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1207. Radio Atlas 400XHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: pt2kd@tba.COM.BR
Message-ID: <01BB2F20.64186580@maq119.tba.com.br>
Source record: 202324

I'd like to have some information about the new radio transceiver Atlas 400XHF
Price with power supply and equipments, performance, and so for.

Thank you very much

Francisco - pt2kd@tba.com.br

1208. Johnson Viking Phone Patch Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: wtpoe@ro.com
Message-ID: <4lcckf$ea2@news.ro.com>
Source record: 202325

I recently came across a Johnson Viking (Part No 250-46) phone patch with no information. It has 3 pots on the face (RCVR GAIN, XMTR GAIN, NULL). On the back it has a 3 conductor line with shield ground, 2 pin plug, and a terminal strip with the screws labled : L2, L1, SPKR, RCVR in that order. There is also a grounding lug. I would appreciate any information on this phone patch.

Thanks,

Wyatt KF4CHZ

wtpoe@ro.com

1209. Re: ICOM 706 MODS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.050059.3190@ke4zv.atl.ga.us>
Source record: 202326

In article <Pine.LNX.3.91.960419161119.3673A-100000@linux.ea4abb.ampr.org>
ea4abb@linux.ea4abb.ampr.ORG (Roberto Munoz (EA4ABB)) writes:
>
>I am Roberto from Spain and I would like any comments and modifications
>about the ICOM-706 ...
>
>I have bought one and it cames with full transmit outside the bands and I
>need to modify it to carry it to Spanish telecomunications to test it and
>give my licence !!!

Roberto, reinstall diode D59 and do an initial reset on the radio
and it'll be back to ham bands only transmit. (HF anyway) If you
also need to restrict VHF transmit coverage, there are a series
of diodes that have to be present for various countries' band
plans. Get the Service Manual for the radio, all the diodes
are labeled as to country, and there are good board layouts to
aid you in locating where they go in the radio.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1210. Re: FT-50R first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <4lciq6$q6v@chile.it.earthlink.net>
Source record: 202327

I also feel the FT50R is a great radio. I am getting lots of intermod in the 482 mhz area on a NBFM signal. any ideas on reducing it? also; who sells sma antennas that fit the radio? the standard is too long.

andy n6xkn

1211. Re: FT-50R first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <4lciqc$q6v@chile.it.earthlink.net>
Source record: 202328

I also feel the FT50R is a great radio. I am getting lots of intermod in the 482 mhz area on a NBFM signal. any ideas on reducing it? also; who sells sma antennas that fit the radio? the standard is too long.

andy n6xkn

1212. Re: ICOM IC-706 75/80-mtr problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.070038.4106@ke4zv.atl.ga.us>
Source record: 202329

In article <31727A8B.622C@HBC.Honeywell.com> Carl Estey <carl.estey@HBC.Honeywell.com> writes:
>Has anyone noticed reduced RF output on any one band of the IC-706, even
>into a 50-ohm dummy load? I get only 50 watts out on 75/80-meters and no
>ALC action. All other bands are fine. The reduced output is independent
>of the load (antennas and dummy loads all work the same for me on
>75-meters - reduced output).
>
>Any suggestions?

Have you checked quick set mode Q1? This allows you to set the power output to any value between 5 watts and 100 watts. This setting applies on a *band by band* basis. Make sure it is set to 'H' on each band.

Gary

--
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Lawrenceville, GA 30244 | |

1213. Re: Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.070403.4191@ke4zv.atl.ga.us>
Source record: 202330

In article <4l2fvl$6ak@midland.co.nz> ross langridge <carters@igrin.co.nz> writes:
>
>ONLY BUY A KENWOOD!
>THERE IS ONLY ONE BRAND WORTH BUYING!

Well, I suppose, if you like lots of intermod, poor thermal design,
a truly wretched user interface, and the worst factory support in
the industry, then perhaps you should buy a Kenwood. Otherwise, I'd
suggest you buy *ANYTHING ELSE*.

Gary

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1214. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.070928.4280@ke4zv.atl.ga.us>
Source record: 202331
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

In article <4l44rk$qht@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> Grant Youngman <nq5t@gte.net> wrote:
>>Audiophiles out to tighten down their screws ... must be a lot
>>of loose ones in there. Oh well, fools and their money ....
>>
>>Personally, I won't be pleased at having to pay several
>>hundred bucks for a replacement set of 807 modulator tubes
>>for my Viking II ....
>
>Perhaps you've never done an A-B test between a tube hi-fi amp and
>one using transistors? Whether it's due to the tone controls, the
>softer clipping of tubes or whatever, there is a distinct difference
>in the quality of the sound.

Yeah, the tube amp will have much higher THD. That's why rock
guitarists like them so much, really incredible distortion
effects. Of course that's *not* what you want in a high fidelity
audio system.

Gary

--
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1215. Re: IC-970 is it good ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.073533.4420@ke4zv.atl.ga.us>
Source record: 202332
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

In article <4l40s6$8m4@news.mcn.net> vfiscus@mcn.net (Vince Fiscus, KB7ADL) writes:
>In article <1996Apr15.172744.6313@ke4zv.atl.ga.us>,
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>The TS-790A should be avoided for satellite use. It has *serious*
>>design flaws for such usage. Not recomended. It can be Ok for
>>light duty terrestrial use.
>
>I disagree, while the TS-790 left some things out, it is still a good
>satellite rig.

The TS-790A has some horrible defects that make it unsuitable for satellite operation. The most brain dead feature is that the narrow filters don't work in the sub-band receiver, but that's the one you have to use when operating satellite because only the main band unit transmits. Thus your SNR suffers severely unless all you operate is SSB.

And like all other Kenwood VHF+ gear, it has absolutely horrible thermal design. The PA modules get very hot. The 70cm module in mine cooked out after only 30 days of operation (and Kenwood took months to fix it). The replacement PA module was worse. Instead of 18 amps current draw for 27 watts output (yeah it didn't meet power output specs from the factory), the replacement PA drew 22 amps for only 22 watts output. Then the 2m PA module died. Same problem, thermal cookout opened metalization in the module. I sawed that one open rather than send it back to the factory again, and fixed it myself.

And then there's the brain dead user interface. To make sattrack tuning work, you have to depress and *hold* the SAT button. That makes tuning a two handed job. And if you release the SAT button, you have to press it *twice* to get back into track tuning, useless. I rigged up a mechanical clamp to keep the SAT button depressed all the time.

I finally managed to unload it on a sucker (hi Brian), and got a real radio, the FT-736R. It runs cool, the narrow filters *work* for satellite, there's a for real rotary switch that puts you in sattrack tuning and *leaves* you in sattrack tuning, etc. In other words, it works right.

I know, I should have known better than to buy a Kenwood. I've got enough experience with them to know that they are all terminally brain dead. I just have to plead temporary insanity when I bought yet another of their poorly designed pieces of crap. (Hope springs

eternal that they'll finally get *something* right on a VHF+ radio.
Their HF stuff isn't half bad.)

Gary
--
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1216. Need manual for HD-1410 keyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4lchji$gbp@news1.h1.usa.pipeline.com>
Source record: 202333

Picked up a Heath HD-1410 keyer at the Belton, TX.
swapfest today, but need a manual for it. Can anybody
help? Will be glad to buy manual or reimburse for copy.
Also, can it be modified to key solid-state (i.e. modern)
rigs? Thanks for the help.

73 de Jim, KB7ET
kb7et@usa.pipeline.com

1217. Re: Portable HF vs. Tabletop HF Transceivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.082808.4699@ke4zv.atl.ga.us>
Source record: 202334

In article <4l3q9n$jiu@nj1.n-jcenter.com> Mitchell <mitchell@n-jcenter.com> writes:
>I recently acquired my General ticket and am debating on a
>good first-time HF rig... Price is important, but features and
>quality are also essential. Should I consider a portable,
>like an ICOM IC-706, Alinco DX-70T, or a lower priced table
>top ICOM or Kenwood. What are some good used models to consider?

The IC-706 is a neat toy, and so small that it practically
disappears in the smallest vehicle. It's good, but it is not
a perfect radio. The receiver will crunch under strong signal
attack, and you need to mod it to get satisfactory out of band
receive on VHF. The Alinco's receiver is a little better in the
crunch department, but its IF filters aren't, and it only puts
out 10 watts on 6m if that's important to you. Yaesu's entry
in this range is better, but bigger. Avoid the TS-50, it doesn't
offer you anything the others don't do better.

If the ultimate in small size, and DC to daylight coverage,
isn't important to you, there are better pure HF radios out
there. One of the best buys is the IC-735. It had the longest
production run of any amateur transceiver, and it is still a
competitive performer today. You can find them on the used
market for around $650.

On the new market, look at the mid and top line Yaesus.
They're very nice. The current bottom and mid-line Icoms
and Kenwoods are not in the same league, though both
of those companies' top of the line radios are pretty good.
(Be really wary of used Kenwoods, however, there are some
real dogs floating around, especially certain TS-440s and
TS-120s. And you want to avoid IC-745s, they were real
crunch boxes.)

Ten-Tec also offers some good HF radios, though I don't
think their Scout is a good deal when you total up all the
costs to get it to cover all the HF bands and fit it with
a noise blanker, etc. It's still a kludge. Ten-Tec's top
of the line is very good though, and a used Corsair II might
be a good buy if you can find one.

Buying a used radio can be very smart. If you choose wisely,
you can resell it for about what you pay for it when you
decide you want something else. Any new radio is going to
cost you a big depreciation hit when you walk out the door
with it. Of course you have to be a little bit careful when
buying used. You have to know something about the model

or else you might be buying a dog. But on the other hand,
lots of people will have experience with the model and can
offer you advice about it. Other than just having to have
the latest gadget, buying new doesn't get you much except
a warranty, and that's usually not worth the big depreciation
hit. Some of the older radios had as good (and in a few cases
better) RF performance than some of the newest radios. So
buying used doesn't necessarily mean accepting second best.

Gary
--
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1218. ADMS-1B Webpage wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: darryl.linkow@grinder.com
Message-ID: <8BF1039.01A600159D.uuout@grinder.com>
Source record: 202335

Hello all and thanks for reading this. A couple of weeks ago
someone posted the Web Page for downloading the patch files for the
latest version of the Yaesu ADMS-1B software. If you know that
Website, please Email me or leave message here.
73, Darryl KE6IHA

darryl.linkow@grinder.com

---
* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PDT

1219. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.090301.4927@ke4zv.atl.ga.us>
Source record: 202336

In article <4l7q5n$a28@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> >I wrote:
> w8jitom@aol.com (W8JI Tom) wrote:
>
>>>Perhaps you've never done an A-B test between a tube hi-fi amp and
>>>one using transistors? Whether it's due to the tone controls, the
>>>softer clipping of tubes or whatever, there is a distinct difference
>>>in the quality of the sound.
>
>>Seriously, I have to go along with Grant. I don't believe it Jack. I
>>think people that buy those mega buck tube type amps listen through
>>their gills.
>
>I don't have a mega-buck tube amp, but it's not for lack of trying. I
>first heard the difference years ago, but too late to pick up a
>McIntosh or even a Hafler-designed Dynaco at a reasonable price.

I had a pair of McIntosh 75s, and a Dynaco kit before that. They
were nice in their day, but their day is past. Their damping factor
doesn't match modern speakers, and THD and clipping was not pretty,
even on the Mc with its heavy negative feedback. Of course the old
Bozak Concert Grands and Altec Voice of the Theatre speakers had so
much distortion anyway that it was hard to identify the part contributed
by the amp. Even good modern speakers typically have 3% distortion,
and that's lots more than even a cheap amp produces unless it is
grossly overdriven.

>Incidentally, I wasn't kidding about the tests. At one time, I did
>double-blind A-B tests over and over because I didn't believe it
>either. We tried all kinds of tube amps, from the lowly Scotts and
>Fishers up through the most expensive McIntosh. The solid-state
>units included some of the best in their day, such as Mark Levinson
>(Class A), Ampzilla, Yamaha and the better Harman Kardons. After a
>few minutes of listening, I was *consistently* able to tell the tubes
>from the transistors.

Yeah, me too, the tube amps had more distortion. You could see it
on a scope, and hear it in good headphones. You didn't usually
notice with speakers unless the amp was badly overdriven, however,
because speakers have so much more distortion. The best I've ever
heard was a pair of Martin Logan's driven by a 1 kW amp (tetrode
tube type actually). The Martin Logan's are pure electrostats, and
the amp had enough headroom to stay out of clipping. A Crown DC-300
amp sounded about equal, however, and I couldn't tell which was which
unless the music had a lot of very loud transients that drove the

smaller amp into clipping.

Music has a huge dynamic range, and most people try to reproduce
it with amps that are too small. If you need 40 watts average to
fill the room, you need about 800 watts peak to stay out of clipping
on transients. You *can* hear that clipping.

The other thing you can hear is the effect of improperly matched
damping factor. Tube amps offer little damping while transistor
amps have a lot (due to their very low output impedance). So if
you are listening with speakers designed for the damping factor
of one, the other will definitely color the sound. Modern speakers
(other than pure electrostats which are insensitive to damping)
sound boomy when driven by tube amps while older speakers designed
in the tube era are way overdamped when driven by transistor amps,
and have muffled bass.

Gary
--
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1220. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.100318.5229@ke4zv.atl.ga.us>
Source record: 202337

In article <4l8771$1h0@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>
>Let's not talk emotionally about what the artical "feels like or reads
>like", but what it says. If someone can explain the following to me, maybe
>I'll change my opinion. But hyperbolic comments like a "tempest in a tea
>pot" and so on don't address my concerns, and neither do other general
>"well I think other people have done it" responses. So someone help me
>with facts, not feelings.
>
>Let me once again clarify... I have no objection to the first part of the
>article, the part I think is self-serving bunk is the section "The Next
>Revolution-High Performance Tetrodes'. Without that section, the article
>would have been very well written, unprejudiced, and truthful.

I think the article was as well written, unprejudiced, and truthful
as an article of that type can be. The "Next Revolution" section
explains the demise of the old 4 811A amps and the rise of the
more linear, higher efficiency, single tube amps that have replaced
them in some better amplifier designs.

>And hence my main point. Can anyone address these questions?
>
>1.) Tetrode PA's are more difficult to operate, construct and design that
>GG triode amps, the author's contrary statements were technically false.
>Please explain why tetrodes were incorrectly described as a new
>"technological reveloution" and listed with advantages they (in fact) do
>not have?

Tetrode amps have better linearity and more power gain than triode
amps. They do require a screen supply, and the tuning is a bit
different, but that's only marginally important when contrasted
to the advantages they offer. Tetrode amps were almost exclusively
used (before transistors took over) in TV transmitter linear PAs
because of their better power gain and better linearity. Even in
Class C FM transmitters, tetrodes were often the choice because
their higher power gain improved overall transmitter efficiency.

>2.) Why were tetrodes even mentioned in a article about 811's? What do
>they have to do with 811 tubes?

See above. They were mentioned to show the trend in amplifier design
thinking away from the older 811A multi-tube designs and toward the
single tube designs that have largely replaced them. Zero bias triodes
were also mentioned as another path away from the 811A. This, as in
mention of the tubes that preceeded the 811A, serves to put the 811A
in a historical context.

>3.) Why were the references (with the exception of one to an out of
>business company) only to other articles supporting the author's sales of
>tetrodes and to the author's company?

Probably because there's little literature to reference about power
tubes other than from the author's company and Eimac still available.

>4.) What technical or historical function does any of this have, other
>than to promote the author's tubes over triodes?

Historical context. The 811A is obsolete as a power amplifier tube
except in a few retro designs. Mentioning the two main contenders
which replaced it is certainly a good way to show why the 811A
passed from the scene for new designs.

>> It told more of a story about Eimac and RCA than about anyone else,
>>the Russian bottles came over as simply copies of the originals. If
>>someone from Svetlana can write in public in such a way, where their
>>competitors are favourably treated, then I am pleased.
>
>But they didn't do that. They directly painted Eimac's zero bias tubes, in
>the closing section, as "not driven by technical performance" and "driven
>by simplicity, low cost, and Eimac's superb promotion". They inferred the
>Eimac tubes are old technoligy.
>
>That is either self-serving criticism of another competitor or it is a
>simple technical fact. Since it is not a true technical fact, it must be
>self-serving propaganda. Someone please correct me if I've made a
>technical error in this. I want to be fair.

It is technical fact. Eimac's zero bias triodes are the result of wanting
tubes that can be used in simple and low cost amplifiers. You claimed as
much above when you noted that they allow amplifiers without a screen
supply (or a bias supply). They are not driven by technical performance
since they don't have either the power gain or the linearity of tetrode
amplifiers.

The popularity of triodes in GG amplifiers for amateur service is
driven by the FCC limit on power gain in external amplifiers for
HF Part 97 operation, the lax distortion requirements for amateur
HF linear amplifiers, the wide availability of 100 watt class
exciters, and the lack of skill and knowledge among amateurs
as to the proper tuning and operation of power amplifiers, IE the
tune for maximum smoke syndrome. At VHF, where higher power gain
is usually wanted (and permitted), where a stricter linearity
standard is imposed, and where the skills of operators using high
power tube amps is usually higher, tetrode amplifiers are almost
universally used.

If you want to argue that triodes are technically superior to
tetrodes, I think even Eimac would take exception since they
wrote the book on power tetrodes. And don't forget that Svetlana
makes triodes too. Are you accusing the author of denigrating

his own products as well?

I really don't understand why you are upset about this article.
It seems as if some personal ox of yours must have been gored
for you to raise these ill founded objections to the article
so strongly.

Gary
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1221. Re: Ham-Equip Digest V96 #298

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: victorj@fast.NET
Message-ID: <m0uAxre-0001z5C@fast.net>
Source record: 202338

test

1222. FS: Harris RF590 General Cov. Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Richard Harel <rharel@fab8.jer.intel.com>
Message-ID: <4ld320$reb@ilx018.iil.intel.com>
Source record: 202339

For Sale:
Harris RF590 0-30Mhz receivers. Very clean, used by the US Dept. of
State at the local US Consulate here in Jerusalem until very recently.
Side by side with my Yaesu FT-990, it beats it hands down in every way.
30dbm 3rd order intercept point, 100 memories, remote controlable, all
filters installed. One of the best receivers ever made (imho, along
with the Collins 851S-1A and Rohde & Schwartz EK-70).
I also have the matching exciters and Harris 1.5KW amplifiers with PS
units. All in very clean condx.

Make me an offer.

I can be contacted at:
011-972-2-785578
or e-mail me at:
rharel@fab8.jer.intel.com

73,
Richard Harel
WB2JBS/4X1DA

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or related to my employer or any organization that might
appear in an "address header".
I assume complete responsibility for my actions.

1223. Kenwood DSP-100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Jeff Goebel <jgoebel@rrnet.com>
Message-ID: <317A2F7A.3BF9@rrnet.com>
Source record: 202340

I have noticed that the DSP-100 is greatly reduced in price. I own a TS-690 and am wondering if this is a worthwhile addition to make to the rig. Does anyone have any experience with the DSP-100? How well does it work? I currently have a Timewave DSP-9 but I rarely use it with my TS-690 because it tends to make the signals less pleasant to listen to. The voices have a unnatural ringing quality to them. It does reduce background noize though.

Anyway, how do the signals sound when using the DSP-100?

Thanks,

Jeff Goebel N0VHB
jgoebel@rrnet.com

1224. WTB: IC-900 with 1296

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: jackwy@clark.net
Message-ID: <4ldhv0$6kk@clarknet.clark.net>
Source record: 202341

Looking for an ICOM IC-900 with the 1296 MHz unit. Or will
buy just the 1296 unit if available.
Jack WB3ICL

1225. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: pt2kd@tba.COM.BR
Message-ID: <01BB2F7B.DAC5CE60@maq126.tba.com.br>
Source record: 202342

```
add ham-equip
```

1226. question about transceiver Atlas 400XHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: pt2kd@tba.COM.BR
Message-ID: <01BB2F7C.5B6645E0@maq126.tba.com.br>
Source record: 202343

Dear friends.

I'd like to know something about the transceiver Atlas 400XHF.

Is it yet beeing factured? Is it good for TX and RX?

Thank you very much

73's

Francisco pt2kd@tba.com.br

1227. Re: Wanted: Manual for HTX-202 Radio Shack 2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Bob Winingham <kc5ejk@onramp.net>
Message-ID: <4ldn8p$6ia@news.onramp.net>
Source record: 202344

Seems to me I saw a posting that said the Manuals are
on the TANDY www site.

73

1228. Re: Crystal Oven Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4ldqll$5g9@hg.oro.net>
Source record: 202345

cardenas@kaiwan.com (Anthony O. Cardenas) shared the following
priceless pearls of wisdom:

>>I'm looking for information on crystal ovens.

>'Yo, Steve,

>Some companies are SO cheap, they use a resistor and heat shrink to
>keep the crystal at a semi-constant temp.

Actually, the design of a resistor/shrink/diode combination is quite
difficult and an elegant inexpensive solution to a complex problem.
It isn't just a resistor inside shrink if you do it right. All you
get there is a hot crystal that still responds to changes in ambient
temperature.

The trick is to put the resistor (actually just a heat source) on one
side of the crystal, a silicon diode on the other side of the crystal,
shrink sleeving AND silicone seal the ends, and then use the diode's
voltage/temperature curve (which is unbelievably repeatable from diode
to diode) to feed back the temperature of the crystal case to an
amplifier which then regulates the current through the resistor. By
the time you get through analyzing the time constants of resistor
heating, thermal resistance of the case, how long it takes the case to
heat the diode, then crank all that back into the loop's transfer
function, you've got yourself a day's theoretical work on your hands.

Of course, the way most of us do it is hook it up, measure the loop
time constants, then throw in an electrical time constant ten times
more than necessary. Yeah, it takes a little longer to settle down
than an exact analysis, but it won't go flegging off into thermal
oscillation at the drop of a quantum, either.

You can actually get control down to less than a couple of degrees
over the full ambient temperature range if you do it carefully enough.
It sure beats the hell out of those old bimetallic strips on the
heater ovens we used back in 'dem golden old days. You remember --
radios that glow in the dark??

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1/C phone--Cessna 182A N73CQ
rst-engr@oro.net | Commercial/CFI-Airplane/Glider-----A&P Mechanic

1229. Johnson LTR stuff for Sale/Trade

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: ki5bd@aol.com
Message-ID: <4ldrcm$lt0@newsbf02.news.aol.com>
Source record: 202346

I have the following radios for sale or trade. All operate on the Johnson Clearchannel LTR trunking system.

Uniden FPS 820 TS handheld (the big one) with DTMF and APX114 rapid charger.
$175

Uniden FTS 800 TS trunk mount mobile with DTMF mic.
$200

E.F.Johnson 8870 trunk mount duplex phone/radio with TD7 paging feature.
$200

E.F.Johnson 8870 with Telephone Interface Module (allows the use of any standard telephone equipment). Great for remote locations where there is no standard phone service. It works like a standard wall jack and allows the use of multiple phones, fax machines, modems, cordless phones or alarm equipment.
$400

All of these units would require programming by your local E.F.Johnson LTR provider.

Add $20 each for shipping.

Will trade for All Mode Dual band 2m/70cm rig or other ham stuff.

Resond by Email to : KI5BD@aol.com

1230. Need Recommendation on Dual Band Transciver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: dliu@glink.net.hk
Message-ID: <317a792e.1406607@news.glink.net.hk>
Source record: 202347

I would like to buy a Dual Band Receiver , I am thinking about buying
a Kenwood TH79A is that a good model ? Function is enough ? Anything
is missing in that model ?

Any other brand name I should look at (with better feature)? (i.e.
ICOM ....)

Thanks!

....
. David Liu (CNE,MCSE) | Voice : Soon! .
. | Fax : : (852)2568-9290 .
. dliu@glink.net.hk | BBS : : (852)2539-7218 .
. dliu@hkstar.com | FidoNet : 6:700/671 .
. | http://www.hkstar.com/~dliu .
. | http://www.glink.net.hk/~dliu .
....

1231. Any FAQ for that news group?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: dliu@glink.net.hk
Message-ID: <317a7a9e.1774939@news.glink.net.hk>
Source record: 202348

Is there any FAQ for this Newsgroup?

....
. David Liu (CNE,MCSE) | Voice : Soon! .
. | Fax : : (852)2568-9290 .
. dliu@glink.net.hk | BBS : : (852)2539-7218 .
. dliu@hkstar.com | FidoNet : 6:700/671 .
. | http://www.hkstar.com/~dliu .
. | http://www.glink.net.hk/~dliu .
....

1232. RE: Beldon 9913

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: mattro@radware.net
Message-ID: <N.042196.122651.62@ppp0014.radware.net>
Source record: 202349

My experiences with 'real' 9913 taught me never to use it again. There are many cable types which offer _almost_ the same electrical/RF specs, which at the same time are much easier to use mechanically. 9913 is hard to work with due to the way it is built. The solid center is a
major concern. It makes the cable hard to route and manage. Also the air core makes the cable easy to 'kink'. I suggest using a good quality RG-213 with a stranded center, solid dielectric, and 97% or more braid. If you don't mind a little more $$$ the foil+braid combination seems to work well.

Matt Roberts, KK5JY,
mattro@radware.net

1233. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4le1ga$g04@crash.microserve.net>
Source record: 202350

nitz@clark.net (James A. Nitzberg) wrote:

>The Yaesu ft-101e operates 10, 15, 20, 40, and 75/80 meters. I
>believe that it also receives on 10Mhz.

It also covers 160M.

73,
Jack WB3U

1234. Re: question about transceiver Atlas 400XHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr21.172250.1223@ke4zv.atl.ga.us>
Source record: 202351

In article <01BB2F7C.5B6645E0@maq126.tba.com.br> pt2kd@tba.COM.BR
(=?iso-8859-1?Q?Francisco_Deir=F3_Couto_Borges?=) writes:
>Dear friends.
>
>I'd like to know something about the transceiver Atlas 400XHF.
>
>Is it yet beeing factured? Is it good for TX and RX?

The Atlas company has failed again. The remaining assets appear
to have been turned over to another company, but those having
deposits on the Atlas radio will probably never see either their
money or a radio.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1235. i need atlas 400 schematic, svce & owners manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4ldtpp$mnb@newsbf02.news.aol.com>
Source record: 202352

i need schematic, service and owners manual. will buy or pay for copies, etc. any and or all would be appreciated. Jay

1236. Re: SKYWARN WEATHER AND TORNADO SPOTTERS!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4le1rf$nkr@newsbf02.news.aol.com>
Source record: 202353

there are several such newsgroups; i looked at this one, very slick and very commercial--the real meat is a book they're trying to sell, plus a movie (TWISTER) which is being pushed by warner bros.
certainly a great concept, but it needs time

1237. Re: FT-50R first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4le3hn$107a@mule1.mindspring.com>
Source record: 202354

ANDREW JENTIS <andrewj@earthlink.net> wrote:

>I also feel the FT50R is a great radio. I am getting lots of intermod in
>the 482 mhz area on a NBFM signal. any ideas on reducing it? also; who
>sells sma antennas that fit the radio? the standard is too long.
>
>andy n6xkn

The Comet SMA-3 is about 3" longer than the antenna supplied with the
FT-50R. I don't know of any SMA antennes which are shorter. Don

1238. Eddystone 1837 help neede

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4le2k8$nq8@newsbf02.news.aol.com>
Source record: 202355

I conducted a dialogue on the internet with a gentleman who had received
training on this series of radios. Mine doesn't work, but now that I'm
finally ready to send to him for a repair attempt, I finf AOL has deleted
older messages, although I repeatedly tries to save them ('keep as new").
If this is you, please e-mail me; or if you who it is, please drop me a
line.
thanx
radiomatt@aol.com

1239. kenwood 450SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Robert Newman <rn931@delphi.com>
Message-ID: <B7CIvlZ.rn931@delphi.com>
Source record: 202356

Would anyone know where to check for why, when I press my VOX switch with nothi
ng in my key jack, it goes to the transmit mode? When I plug my key in it s
tarts keying like I have my key closed but I dont. Ive of course checked the
cable for any shorts.

1240. Need docs for Kantronics RTTY reader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: 73700.12@compuserve.com
Message-ID: <4le5b6$5cp@dub-news-svc-4.compuserve.com>
Source record: 202357

I;m trying to repair an old Kantronics RTTY Reader for a fellow ham. I found a powerr supply problem, but I think there is more damage. I can't seem to get the thing to decode any signals. I'm also hunting blind in this thing since he got it about 4th or 5th hand from someone else.

Does anyone out there have schematics for this gear, or maybe someone has a good source where I can get the manuals from?

TIA

Jim Nuytens N3JJA/Delaware Email:
V.P., Delaware Repeater Association 73700.12 @ compuserve.com
Seitz Technical Products Jim @ Seitz.com

Delaware Ham Shack BBS 302-798-2002

All opinions stated above are my own, which probably accounts for their unpopularity.

1241. Manual or copy Heathkit Seneca.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Spencer Petri <spetri@e-tex.com>
Message-ID: <4le6cb$9hf@e-tex.com>
Source record: 202358

Anyone out there been around long enough to have one of these?

73 de Pete WA5JCI

1242. FS: Kenwood 520S+D-104 mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Spencer Petri <spetri@e-tex.com>
Message-ID: <4le63h$9hf@e-tex.com>
Source record: 202359

Posting for W5ORW. $300 U ship. Includes copy of manual. Nice radio.

73 de Pete WA5JCI EM 21

1243. Yaesu FT-290R II Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: jrybak@mesa5.Mesa.Colorado.EDU
Message-ID: <4le5ra$987@mesa5.mesa.colorado.edu>
Source record: 202360

The schematic for my FT-290R II indicates that there are TWO pilot lamps in the unit. I can see only one located to the left of the meter. Where is the other one? I am wondering because my LCD display isn't all that easy to read and I'm curious if the other pilot lamp is supposed to backlight the LCD display and perhaps isn't working.

Thanks.

Jim Rybak W0KSD

1244. FS: HF & 432

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-21 00:00:00 UTC
From: Joe <kd4bfi@mailhost.nando.net>
Message-ID: <317A5DA6.B92@mailhost.nando.net>
Source record: 202361

For Sale -- Icom 720 HF-Gen Xcvr ------ $ 200.00
KLM Echo70+40 watt Amp ---- $ 200.00

Just cleaned contacts on 720 rotary relay ! Hasn't been used much lately. Mostly used for Field-day and other events. If you were at the FCARC Field-day you would have seen it there ! There's a picture of George (W2OJD) using the rig on the FCARC page.

Also for sale -- KLM Echo 70 (SSB-CW) 432><435 Mhz ! VXO portable ! Has a 30 position Xtal knob as the main dial along with VXO knob, sweeps about 30 khz for each position. Also has RIT,SQ,NB,LSB,USB,ect. Peak output 12 watts !
Also have KLM 10 in 40 out 432-449 amp !

Would like to sell Local ! E-Mail kd4bfi@nando.net or jdeaton@tico.com

73 Joe

1245. Re: fs: Tandy 3830 Color Laptop - Excellent for Packet!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: justinb@psg.com
Message-ID: <4lejpg$adp@cobweb.aracnet.com>
Source record: 202282
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

scanware@sincom.com (Gene McAvoy) wrote:

>For Sale: Tandy 3830 Color Laptop
> 386 system includes Math Co-Processor; with 80 MB internal
>HD and
<snip>
> Orig. cost $2900. Now just $1000 takes it away!
<snip>
>73...Gene McAvoy / KG7XD

Interesting... I just got my Toshiba Satellite T2135CS for $1500
(486DX4/75) 520Meg HD 8Meg RAM DualScan Color 11" or so display.

I think you need to adjust your price a little more...

Justin AB7NG

1246. Re: Coax Shield Current (Was Re: MFJ Artificial Ground)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4lejo2$mla@chnews.ch.intel.com>
Source record: 202283
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4l93fl$hbf@sun001.spd.dsccc.com>,
Mike McCarty <jmccarty@sun1307.spd.dsccc.com> wrote:
>
>But mathematical abstractions are real. Are you one of those who think
>that numbers don't exist? I am a Platonist.

Hi Mike, to exist, abstract numbers require a being capable
of abstract thought processes. Assuming man is the only
being capable of such, numbers didn't exist before we
did. That means they exist only in our minds. Does that
make them real? I think, therefore I am? I doubt it. More
likely, it's "I am, therefore I think" or as Ayn Rand and
Aristotle put it "A is A".

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1247. Re: kenwood 450SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <4lemdr$ead@news.mhv.net>
Source record: 202284

In article <B7CIvlZ.rn931@delphi.com>, Robert Newman <rn931@delphi.com> wrote:
>
>Would anyone know where to check for why, when I press my VOX switch with nothi
>ng in my key jack, it goes to the transmit mode? When I plug my key in it s
>tarts keying like I have my key closed but I dont. Ive of course checked the
>cable for any shorts.

Is the Send/Rec button pushed in? If so push it so it's out. Right now
that's the only thing I can think of. I also have the 450/SAT. You may want to
call Kenwood as well.

Tom

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and they are not that of MHV.NET!

1248. Re: FS: Harris RF590 General Cov. Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: jbeckett@servtech.com
Message-ID: <317ae2ef.5298648@news.servtech.com>
Source record: 202285

On 21 Apr 1996 10:35:44 GMT, Richard Harel <rharel@fab8.jer.intel.com>
wrote:

>For Sale:
> Harris RF590 0-30Mhz receivers. Very clean, used by the US Dept. of
> State at the local US Consulate here in Jerusalem until very recently.
> Side by side with my Yaesu FT-990, it beats it hands down in every way.
> 30dbm 3rd order intercept point, 100 memories, remote controlable, all
> filters installed. One of the best receivers ever made (imho, along
> with the Collins 851S-1A and Rohde & Schwartz EK-70).
> I also have the matching exciters and Harris 1.5KW amplifiers with PS
> units. All in very clean condx.
>
> Make me an offer.
>
>I can be contacted at:
>011-972-2-785578
>or e-mail me at:
>rharel@fab8.jer.intel.com
>
>73,
>Richard Harel
>WB2JBS/4X1DA

Neat... more US tax dollars down the tube. Curious how you latched
on to them.

Jim

1249. WTD: RCA WT-100A or Hickok 700 Tube Tester

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: l.mclaughlin@popmail.csuohio.edu
Message-ID: <4lephv$m8r@csu-b.csuohio.edu>
Source record: 202286

RCA WT-100A and/or Hickok 700 tube tester wanted. Seeking unit in good running condition, needing some repairs or for parts (if I later come across a working unit). Willing to swap for something or please state a fair price for the respective unit. I would prefer swapping something as cash is tight, but I would have to find out what you are looking for -- I may have it. Please indicate if you have manuals, schematics, charts and/or plug-in tube sockets for the respective tube tester.

Kindly, email with details.

Thank you.

My correct email address is:

l.mclaughlin@popmail.csuohio.edu

1250. VT-4-C Transmitting tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: airwick@merlin.nando.net
Message-ID: <4letlq$k8d@castle.nando.net>
Source record: 202287

Help, does anyone know the going price for new VT-4-C power transmitting tubes?
Thanks AIRWICK

1251. Motorola UHF Radius to 440?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: mbrinkho@falcon.inetnebr.com
Message-ID: <4lf0kk$ru5@duck.inetnebr.com>
Source record: 202288

I have a UHF Radius (PN: D44LRA7PA5CK) I would like to move to the Amateur 440 band. Is it possible to program the new freqs in w/o doing any tuning?

Has anyone done it before?

Thanks.

--
Matt C. Brinkhoff, KB0RXC
mbrinkho@inetnebr.com
http://incolor.inetnebr.com/mbrinkho
Lincoln, Nebraska [EN10]

1252. Intrinsically safe certification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: saremington@imt.net
Message-ID: <4lf08p$4rl@cu.comp-unltd.com>
Source record: 202289

Thanks to all who answered my question on type acceptance. The answers were quite informative. Now, another question:

Can anyone explain intrinsically safe certification as its applied to radio equipment? I kind of have an idea that to be certified, the electronic device must be incapable of generating a spark that could cause an explosion. I'd be interested in the specifics of what testing is done and why.

Thanks in advance.

--
"The only Earth Alliance Captain ever to survive engagement with the Minbari is behind me. You are in front of me. If I were you, I would try to be someplace else." - Ambassador Delenn to EA Loyalist commander, "Severed Dreams" Babylon-5
<<< Scott Remington saremington@imt.net Amateur Radio KC7MRV >>>

1253. USING 706 W AT 500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: dd980@FreeNet.Carleton.CA
Message-ID: <4lf118$fqe@freenet-news.carleton.ca>
Source record: 202290

Can you wire the 706 and at 500 to work in the auto mode like the rest of the icom rigs. I dont care about 6 meters i have a good match on 6 and 2.

1254. FS: PK232MBX (READ!)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4lf4nd$7ca@newsbf02.news.aol.com>
Source record: 202291

I am selling a PK-232MBX in great conditon! This TNC has Packet, Morse Code, Baudot, ASCII RTTY, WEFAX, NAVTEX, and AMTOR/SITOR will do PACTOR with upgrade. Also, has 2 ports can handle HF/VHF. 18k Mailbox inside and plenty more....

Have manuals, cables made up for Kenwood TS450 if you have this also have premade cable for Kenwood HT. If you have another radio I have plan cable for you to make your own cable for your exact radio. Might even have the box... will have to check though!

If interested I am selling it for $175 + shipping.

Email me at N9MXT1@AOL.COM
For more info call me at (847)824-2112 Home
(847)824-2235 Fax number

Thanks for your time and hope to hear from you
soon!
Jeffrey - N9MXT1

1255. Kenwood TM-241 mod - HELP!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: usdhicks@cc.memphis.edu
Message-ID: <1996Apr22.001246@msuvx1.memphis.edu>
Source record: 202292

Thanks for reading this.

I would like to mod my Kenwood TM-241 2mtr mobile rig for expanded transmit (153 Mhz for RACES). I cut the green wire loop coming off of the display, but that only opened it up to 151.995 mhz. All the mods I have been able to find say to put a 1N914 diode across D209, which is behind the tone button. But there is already some kind of chip across D209, and when I install the diode, nothing happens. This mod worked fine on my older TM-231 because there was nothing in the way. But this chip on the TM-241 seems to have an effect on the mod.

Does anyone have any ideas?

73 & thanks,
Steve
usdhicks@cc.memphis.edu

1256. Re: FT-900 vs IC706 which is better?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: nch5@axe.humboldt.edu
Message-ID: <4lf5fg$qbu@nuke.csu.net>
Source record: 202293

Hello everyone,

I have had a Yaesu FT101f for many years and want to
upgrade my HF rig. I am looking at both Yaesu and Icom compact
rigs. I like the idea of portability. Who makes the best one?
Any problems that I should be aware of before I buy? Help me
out here it's a lot of money so I want to get a rig that will
last a while.
Thanks In Advance.
N6CCR
Nathan Hinkle :)

1257. WTB:Ten-Tec or Kenwood Linear Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Steve Cockburn <Cockburn@coopts.demon.co.uk>
Message-ID: <EyTBGCABNzexEwfD@coopts.demon.co.uk>
Source record: 202294

Hi I am looking for a Ten-tec Centurian / Titan or a Kenwood 922 linear amp.

Please ring 01261 812368 (work) or 01261 861254 (home)

Many thanks
Steve GM0VXB
--
Steve Cockburn

1258. Re: Crystal Oven Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.960422052240.6947A-100000@DGS>
Source record: 202295

What Bob Weir and others seem to have failed to mention is just how bad the old octal plug-in bimetalic snap action thermostat ovens really were. Those old ovens cycled the crystal over 1 or 2 degrees C every few seconds. I can recall listening to the beat-note of a 400 MHz signal multiplied from such an oven. It sounded like a slow fire siren.

73 de bob w3otc

1259. Re: ARRL insurance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <317B5B48.2FCC@ccsnet.com>
Source record: 202296
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment
Body handling: Binary attachment payload not displayed: Bfs.gif

Chris Boone wrote:

> I thought you were leaving this hobby....WHY do you continue to badger
> people in the newsgroups and echos? GROW up and get out! (ya know, there
> are ONLY 3 people I have wished that to since getting into ham radio at
> the age of 14....and you're ONE of them!)
>
> Chris
> WB5ITT

Hams are so much fun to play with.

[One or more binary attachments are retained only in the source text.]

1260. Need Varian TWT psu Manual / Schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Richard Girling <rgirling@rmplc.co.uk>
Message-ID: <317B5705.2236@rmplc.co.uk>
Source record: 202297

Can anyone help?

I neen a manual / schematic for a
Varian TWT PSU Type VPW2806L3

Many Thanks

Richard

rgirling@rmplc.co.uk

1261. Re: TS-870 given Bad Report in Rad.Com review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: n1mm@usa.pipeline.com
Message-ID: <4lfn90$1jl@news1.h1.usa.pipeline.com>
Source record: 202298

On Apr 21, 1996 23:25:32 in article <Re: TS-870 given Bad Report in Rad.Com review>, 'Paul O'Kane EI5DI <okanep@iol.ie>' wrote:

>. I replaced the stock 3 KHz filters in my TS870S with
>8 pole 2.1 KHz crystal filters in both IFs from International Radio in
>Florida.

Paul,

I had been considering adding the IRCI 2.1 filters to my TS-850, but was worried that they
would be too narrow for SSB contesting. I already have a single 1.8, and don't like it
because the tuning is too touchy. It's hard during the heat of a contest to tune in those
that are slightly off my run frequency.

Do you find that the 2.1's have this problem? Is you hand constantly on the rit while
running stations?

Thanks

Tom - N1MM

1262. Re: Intrinsically safe certification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4lfpl8$bdq@newsbf02.news.aol.com>
Source record: 202299

Intrinsically safe ratings are applied to electrical equipment that may be operated in flammable or explosive atmospheres. The ratings are for specific classes, groups and divisions which are essentially the type of atmosphere (flammable gas, vapor or dust) and whether the atmosphere is hazardous on a continuous basis under normal operating conditions or only during an out of spec operation such as a leak. The groups (A,B,C and D) are based on the burning characteristics of a representative gas or vapor, e.g. acetylene is group A, which are highly flammable materials. Hope this helps. 73 de Mark, WB9BVV

1263. Re: TS-870 given Bad Report in Rad.Com review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: John M Sonley <john@jmsknars.demon.co.uk>
Message-ID: <zu1apGAdY3exEw5M@jmsknars.demon.co.uk>
Source record: 202300

In article <317B265C.5B96@iol.ie>, Paul O'Kane EI5DI <okanep@iol.ie>
writes
>John M Sonley wrote:
>>
>> I was planning to buy the new TS-870 until I read the Peter Hart review
>> in Radio Communication April 1996.
>
>In my experience the RadCom review is accurate. If you're a serious
>contester in the major worldwide events you'll have problems. If not,
>you'll probably never notice anything.
>

Thanks Paul, a most comprehensive reply

Knowing how bad 80 is in the evening with kilowatt strength stations
all crammed in those top few khz, I have a concern that the 870S will be
problematic

I'm now looking hard at the FT 1000MP as a possible alternative

John G3XZV
--
John M Sonley

1264. Standard C 508 A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: a0378@freenet.uni-bayreuth.DE
Message-ID: <199604221246.OAA23861@btr0x7.hrz.uni-bayreuth.de>
Source record: 202301

Hello friends:

Anybody out there who runs the STANDARD baby C 508 A. Does this radio
has a 1750 Hz tone burst for opening repeaters in good old Europe?
How do you like this puppy?
I read that it has a very low power consumtion, is this true?
E. g. you can monitor a frequency with a power safe option around 3 weeks ...

I look forward to receive your comments!

Thanks

AA1KD, Charlie

1265. Computer Control For Your Rig !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: tony@gcr1.com
Message-ID: <4lg2cu$15c2@tetsuo.communique.net>
Source record: 202302

If you are thinking about using you PC to control
you ham rig check out my page and the FT-736R CAT
section. The unit shown is usable on all rigs that
require a RS-232 to TTL level converter to control
the rig. Kits include all connectors needed for
connection to Kenwood, Yaesu or Icom rigs and as
well as others.

Check it out ...

http://www.gcr1.com/n5gpi/

73,
N5GPI

1266. RS HTX 242 Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: skozmo@aol.com
Message-ID: <4lg2d5$d8b@newsbf02.news.aol.com>
Source record: 202303

Does anyone know if the RS HTX242 can be modified and if so, what is the extent of the TX range.

reply here or email to SKozmo@aol.com

1267. FS - RS HTX 202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: skozmo@aol.com
Message-ID: <4lg2e0$d8j@newsbf02.news.aol.com>
Source record: 202304

HTX 202 in very good condition with speaker mic, alkaline battery pack, manual.

150.00

Reply here or e-mail to SKozmo@ aol.com

1268. Yaesu FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: hsattin@nectech.com
Message-ID: <4lg1e9$rh@cosmos.nectech.com>
Source record: 202305

Has anyone seen any mods for the Yaesu FT-50R yet?

1269. ft101e

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: BILLY BURCH <BILLY-BURCH@UNEXPOST.UCSD.EDU>
Message-ID: <4lg6i9$e76@news1.ucsd.edu>
Source record: 202306

I just bought one for $300 but be carefull to make shure the tubes are
good if not the tubes cost ?about 30-40 a peace

1270. Yaesu Mil Spec 810?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: "Nick J Chiarchiaro, AET /N2QXF" <njc@warwick.net>
Message-ID: <4lg72r$ki6@news1.warwick.net>
Source record: 202307

Hi name is Nick and I am curious.

Yaesu claims there radios are mil spec 810 rated. GREAT !

But, are they C, D or E?

If I recall straight 810 is just shock and vibration. C-E is for
rain, dust salt fog etc.

Anyone know the extennt of the rating?

Tnx Nick

1271. Standard C 508 A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Karl-Heinz Merscher <Karl-Heinz.Merscher@uvw.uni-bayreuth.de>
Message-ID: <317BA56D.1297@uvw.uni-bayreuth.de>
Source record: 202308

Hi OM,

does anybody out there using a Standard C 508 A HT?
Has this small puppy a tone burst 1750 Hz for opening repaters in Europe?
How about the power consumption? Is it true that the radio whould
monitor in the power safe mode about three weeks?? I can't belief it ?!
How do you like your C 508 A? Would you buy it again?

Thanks in advance

de AA1KD, Karl-Heinz

1272. AMECO VHF Converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: rafrans@aol.com
Message-ID: <4lg7lh$f29@newsbf02.news.aol.com>
Source record: 202309

I just obtained an American Electronics Co. (AMECO) VHF Converter, Model CN, for use with my Hallicrafter SX-101a... BUT... I don't have any documentation for it, and I don't know which pins are for what on the octal plug... If you have any info on this... I would greatly appreciate it!

Thanks,

Rob Frans
KC8BAP

1273. Which ufh HT with "DPL" ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Dave Fortenberry <"davef@radiozone.com"@ns.net>
Message-ID: <4lgbkl$7o1@falcon.ns.net>
Source record: 202310

I keep hearing that there is one or more new ham rigs out there that have "DPL", or Digitally Coded Squelch that is compatible with the commercial digital signalling fornat. Any ideas on which ones have it?

Thanks in advance,
Dave Fortenberry 8-)

1274. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4lgbpe$g8p@newsbf02.news.aol.com>
Source record: 202311

In article <1996Apr21.100318.5229@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>It is technical fact. Eimac's zero bias triodes are the result of wanting

>tubes that can be used in simple and low cost amplifiers. You claimed as >much above when you noted that they allow amplifiers without a screen >supply (or a bias supply). They are not driven by technical performance >since they don't have either the power gain or the linearity of tetrode >amplifiers.

That's untrue Gary, and exactly what this article would have readers believe.

No "rule" makes tetrodes "cleaner" than grounded grid triodes. There are some types of tetrodes that have exceptionally low distortion, such as the 4CX1500A ....but there are also triodes designed for low IMD.

Point in fact? The exceptionally clean 4CX1500A tetrode and the standard 3X1500A7 triode have identical third order SSB IMD performance of -40 db.

>The popularity of triodes in GG amplifiers for amateur service is >driven by the FCC limit on power gain in external amplifiers for >HF Part 97 operation, the lax distortion requirements for amateur >HF linear amplifiers, the wide availability of 100 watt class >exciters, and the lack of skill and knowledge among amateurs >as to the proper tuning and operation of power amplifiers, IE the >tune for maximum smoke syndrome.

That's how Hams usually tune their tetrodes also, maximum smoke! Tetrodes are LESS forgiving of mistuning, require regulated supplies, are less compatible with Ham power level exciters, and offer no guarantee of IMD improvement.

>At VHF, where higher power gain >is usually wanted (and permitted), where a stricter linearity >standard is imposed, and where the skills of operators using high >power tube amps is usually higher, tetrode amplifiers are almost >universally used.

Untrue. The main reason is drive power and cheap tube availability, not IMD. The most common tube at VHF is a 4CX250 family tube. Third and fifth order products are only -25 dB down with this "clean tetrode". A 3CX800 "dirty triode" will produce -36 dB third and -42 dB fifth order products.

>If you want to argue that triodes are technically superior to >tetrodes, I think even Eimac would take exception since they

>wrote the book on power tetrodes. And don't forget that Svetlana
>makes triodes too. Are you accusing the author of denigrating
>his own products as well?

I'm not accusing anything. I'm speaking facts.

Triodes and tetrodes have almost identical IMD performance when the tubes are properly designed. As a general rule, triodes have superior performance in amateur type service. These are the true facts.

>I really don't understand why you are upset about this article.
>It seems as if some personal ox of yours must have been gored
>for you to raise these ill founded objections to the article
>so strongly.

Yet another personal comment!!!! While my objection is to the technical inaccuracy of the tetrode area of the article and to the use of the misinformation to directly promote the author's tetrode, the standard retort by people unfamiliar with the technical facts about tubes are usually similar to the above personal comment.

Let me make clear (AGAIN) exactly what my concerns are:

1.) Claiming Eimac's zero bias tubes were not "performance driven". There is no technical support for that statement. It must be the author's personal opinion since it is contrary to fact.

2.) Claiming tetrodes are some sort of "new revolution" in design. Tetrodes were around long before zero bias triodes became popular. Zero bias triodes became popular because:
a.) They were more cost effective to manufacture
b.) They offered superior performance in HF amateur applications
c.) The support circuitry was much lower cost and more forgiving of design and operating error.

3.) Using a free article in a membership journel as a marketing platform by making technically false or misleading statements.

Please don't "turn" my objection to technical or factual errors into something "personal". Personal comments have no place in a discussion of fact.

73 Tom

1275. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: donrm@sr.hp.com
Message-ID: <4lgam5$mqr@canyon.sr.hp.com>
Source record: 202362

WB3U (jackl@pinetree.microserve.com) wrote:

> It also covers 160M.

I used to have FT101EE. All one had to do was clip the brown jumper
on the bandswitch and you were instantly on 11 meters, where most of
the FT101(X)s are these days.

73 Don K6LTS
donrm@sr.hp.com

1276. misc. T&M gear for sale....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: lnorvill@ix.netcom.com
Message-ID: <4lev6n$2r@dfw-ixnews3.ix.netcom.com>
Source record: 202363
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

We have numerous HP oscilloscopes, protocol,logic,scalar network analyzers, freq counters for sale.... check out our web site http://www.compudigital.com

for information. new items added daily as they are recieved and checked out.

73's de KD6KCD

lnorvill@ix.netcom.com

1277. Re: Johnson Viking Phone Patch Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Edward Lawrence <eal>
Message-ID: <4lgcon$e97@fcnews.fc.hp.com>
Source record: 202364

wtpoe@ro.com wrote:
>
>
>I recently came across a Johnson Viking (Part No 250-46) phone patch
>with no information. It has 3 pots on the face (RCVR GAIN, XMTR GAIN,
>NULL). On the back it has a 3 conductor line with shield ground, 2 pin
>plug, and a terminal strip with the screws labled : L2, L1, SPKR, RCVR
>in that order. There is also a grounding lug. I would appreciate any
>information on this phone patch.
>
>
>Thanks,
>
>Wyatt KF4CHZ
>
>wtpoe@ro.com
>
I might be able to help a little. I have no factory info but:
L1 & L2 are where you attach your telephone line.
I would guess that the 3 conductor connector is the output to tthe microphone.
I would guess that the RCVR connection tho be the audio output from your
receiver, with the SPKR connection going off to the speaker. Expect a common
chassis ground for the return side. The idea here is that you want thespeaker
muted when you are using the patch.

The RCVR gain will set the received audio level you put out onto the phone
line.
the XMTR gain will control the audio you put into the microphone input to your
transmitter.
The NULL pot is a bridge adjustment that affects the feedthrough from the
receiver audio back onto the microphone line. If you have a meter on the
patch,
you should be able to adjust the null something like this:
1. Tune a good strong hetrodyne on the receiver. 2. Call someone and instruct
them to lay the phone down for a few minutes. 3. Switch the patch on, and set
it to the null position. 4. Adjust the NULL pot for minimum output shown on
the
meter.

This should help.

1278. Wanted:R390A manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: kenn2sqw@aol.com
Message-ID: <4lgfoe$hnb@newsbf02.news.aol.com>
Source record: 202365

I need a manual for the R390A. I have one for the R390, bu tthere are
enough differences to require the proper manual. Original or photocopy, it
doesn't matter, as long as it's readable.
Thanks, Ken

1279. Re: Standard C 508 A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: barry@w2up.wells.com
Message-ID: <H4osmD2w165w@w2up.wells.com>
Source record: 202366

a0378@freenet.uni-bayreuth.DE (Karl-Heinz Merscher) writes:

> Anybody out there who runs the STANDARD baby C 508 A. Does this radio
> has a 1750 Hz tone burst for opening repeaters in good old Europe?
> How do you like this puppy?

I bought one last year at Dayton and sold it a few months later.
Good points - It's tiny!
Bad points - The low power output and lousy antenna make the radio
useful only if you are within shouting distance of the other
station/repeater.
Screw-on antenna, not BNC.
Manual is terrible. Whoever translated from Japanese nees some English
lessons.

Sri, but don't recall about toneburst...
73 Barry

--
==========
Barry N. Kutner, W2UP Internet: barry@w2up.wells.com
Newtown, PA Packet Radio: W2UP @ WB3JOE.#EPA.PA.USA.NA
Packet Cluster: W2UP >WB2R (FRC)
.....

1280. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lgkbc$dfl@crash.microserve.net>
Source record: 202367
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>Yeah, the tube amp will have much higher THD. That's why rock
>guitarists like them so much, really incredible distortion
>effects.

Gary, this is completely untrue. Lead guitarists often run their amps "wide open" in order to imitate the sound of musicians like Hendrix and Stevie Ray Vaughn. The soft clipping of tubes produces an effect that cannot be duplicated with either a solid-state amplifier or external "fuzz" devices. Contrary to your statement, the tube amplifier produces less odd-harmonic distortion when driven into clipping, in turn creating a more "natural" sound.

73,
Jack WB3U

1281. Re: FT-900 vs IC706 which is better?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr22.132840.4662@ke4zv.atl.ga.us>
Source record: 202368

In article <4lf5fg$qbu@nuke.csu.net> nch5@axe.humboldt.edu (Nathaniel C. Hinkle) writes:
> I have had a Yaesu FT101f for many years and want to
>upgrade my HF rig. I am looking at both Yaesu and Icom compact
>rigs. I like the idea of portability. Who makes the best one?
>Any problems that I should be aware of before I buy? Help me
>out here it's a lot of money so I want to get a rig that will
>last a while.

The FT900 has an internal autotuner and a receiver that is less
overload prone. The IC-706 has 6m and 2m plus wide VHF receive,
and is *much* smaller. If you don't care about 6m and 2m, and
if absolute size isn't critical, you may be happier with the
FT900.

The designers made different tradeoffs. I looked at both,
and bought the IC-706. I wanted the very small size, I wanted
6m, and having 2m too was icing on the cake. I don't care a
whole lot for internal autotuners, figuring that an external
tuner is usually more flexible. And I've learned to cope with
the overload problem (more frequent use of the attenuator),
though I'm still investigating ways to mod it to solve that
problem.

The FT900 is a fine small HF radio, but I'm keeping my IC-706.
You might choose to go the other way and I couldn't say you'd
be wrong. It all depends on which tradeoffs you prefer. I'm
also keeping my IC-735, and it's a better all around HF radio
than either of them (IMHO). A used one goes for around $650 and
might be the perfect upgrade from a FT101. (Note, I saw in the
latest AES catalog that they still have *one* IC735 demonstrator
for sale with warranty. It may be the last "new" IC735 in existance.)

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1282. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lgk5v$dfl@crash.microserve.net>
Source record: 202369

donrm@sr.hp.com (Don Montgomery) wrote:

>I used to have FT101EE. All one had to do was clip the brown jumper
>on the bandswitch and you were instantly on 11 meters, where most of
>the FT101(X)s are these days.

Are you sure you had the EE model? Mine didn't even have a factory-
installed crystal for 11M. The TX lockout jumper was only used to
prevent transmission on the 10 MHz WWV band.

73,
Jack WB3U

1283. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4lghc4$i7s@newsbf02.news.aol.com>
Source record: 202370

In article <4lg6u0$232@nntpa.cb.att.com>, rtw@fuwutai.att.com (Rob Whitacre) writes:

>
>The historical tube article was an out and out advertisement paid for by you
>and me. I see this all the time in trade publications I receive, but in that
>case I am not paying for them. When I pay for a magazine I expect the
>advertisers to pay too.
>
>Rob WB8WQA
>
>

The facts seem to suppport your comments 100 percent Rob.

But I am more concerned with the technical inacccuracies presented. It is a much larger problem when fact are mis-stated to promote a product, even in a paid ad.

Technical articles should be based on fact, not hyperbole.

I am puzzled why more of us don't share that view.

73 Tom

1284. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4lgbsm$g9e@newsbf02.news.aol.com>
Source record: 202371

In article <4ledgu$77k@ram2.ramlink.net>, subich@ramlink.net (Joe Subich)
writes:

>I would be interested in hearing W8JI's take on this modification.
>However, the Svetlana 4CX800 should do a very nice job replacing a
>pair of 8875s. The 4CX800 has th same plate dissipation capability
>as the pair of 8875s and if the cathode has sufficient emmission
>(enough current capability) it should be a good candidate to replace the
>very expensive and very fragile 8875s.
>
>--
>73,
> ... Joe Subich, AD8I

I have not seen the article Joe. Do they regulate thee screen and grid
bias? How do they drive the tubes, cathode or grid? Do they monitor the
screen current and protect it?

By the way, thank you for the direct reply to my question. I suspected
there was a bit of "marketing" involved in the article.

Doesn't QST watch for that?

73 Tom

1285. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lgml3$ecm@crash.microserve.net>
Source record: 202372

subich@ramlink.net (Joe Subich) wrote:

>I've known George Badger for several years. The article is a very
>good history of zero bias tubes and, yes, being the marketing person
>he is, George just couldn't resist the chance to get in a plug for
>his products.

George isn't the problem, even though his plug included statements
that are wrong. The editors are to blame for allowing his technical
inaccuracies to slip into print.

Hopefully, no one will build a tetrode amp as a result of this
article, only to discover that what they really needed was a simpler
and cheaper triode design.

QST should print a correction to the statements in the article
relating to this point, and should probably apologize to Eimac as
well.

Very sloppy work.

73,
Jack WB3U

1286. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4lgicl$n2s@itnews.sc.intel.com>
Source record: 202373

w8jitom@aol.com (W8JI Tom) wrote:
>Doesn't QST watch for that?

They're probably too busy purging conjugate matches from their articles
to notice the commercialism. :-)

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1287. Re: FS in this News Group Question ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4lgk7k$13km@chnews.ch.intel.com>
Source record: 202374

In article <01I3RUNWRDPE8Y6NEN@infoave.net>,
Bobby Raymer <braymer@InfoAve.NET> wrote:
>If you dont want folks too list there FS stuff in this newsgroup then
>why dont you STOP ALL Listening then.

Hi Bobby, my dad pays long distance charges to download this newsgroup
at 1200 baud. He lives on social security and doesn't want to pay for
for sale stuff. He doesn't download rec.radio.swap.

>Your Newsgroup address said HAM-EQUIP i seen nothing for
>Not Posting and FS Gear in this newsgroup.

The "Guide to the Personal Radio Newsgroups" is the FAQ for the
r.r.* newsgroups. It says not to post for sale postings here.

>How does one unsubscribe from this and ill be glad too look else where or
>start my own listserv for FS stuff.

There *is* a newsgroup dedicated to for sale stuff. It's described
in "Guide to..." and is rec.radio.swap Everything is already set up
for everybody. All they have to do is read the "Guide to..." which
is published on all these groups from time to time.

Almost every newsgroup has a FAQ or "Guide to..." Is it too
much to ask that everybody read it and abide by it? Individuals
violating the guidelines are killing the goose that lays the
golden eggs.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1288. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lgtmm$gke@crash.microserve.net>
Source record: 202375

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>I had a pair of McIntosh 75s, and a Dynaco kit before that. They
>were nice in their day, but their day is past. Their damping factor
>doesn't match modern speakers,

That's marketing nonsense, intended to cover up the fact that many "modern" speakers are junk. They employ ports and enclosures that boost undamped bass response, with no regard for the tuning between the enclosure and driver. Placing a loosely-suspended woofer in a two-foot tall box with a port helps sell speakers, but it destroys the damping of the driver below the resonant frequency of the port. It's unreasonable and totally unrealistic to criticize an amplifier for its inability to compensate for this. Even the highest damping factor you can produce won't remedy the problems created by these speakers.

>and THD and clipping was not pretty, even on the Mc with its heavy
>negative feedback.

Clipping isn't pretty in any amp. The difference is the way the two types of devices clip. Tube amps create less of the odd-order distortion that is particularly offensive to the ears.

>Of course the old Bozak Concert Grands and Altec Voice of the Theatre
>speakers had so much distortion anyway that it was hard to identify
>the part contributed by the amp. Even good modern speakers typically
>have 3% distortion, and that's lots more than even a cheap amp
>produces unless it is grossly overdriven.

High quality electrostatics, planars, horns, ribbons, the old Heil driver, and even some soft-dome midrange and tweeter drivers exhibit much less than 3% distortion.

>Yeah, me too, the tube amps had more distortion. You could see it
>on a scope, and hear it in good headphones.

If you could see it on a scope, I'm not surprised the results were disappointing. No good tube or transistor amplifier will do this unless it's driven to clipping or into an unsuitable load. In any event, many people disagree with your results and their claims have been verified in double-blind tests.

>Music has a huge dynamic range, and most people try to reproduce
>it with amps that are too small. If you need 40 watts average to
>fill the room, you need about 800 watts peak to stay out of clipping
>on transients. You *can* hear that clipping.

Where in heck did you come up with this? It certainly speaks in favor of tubes due to their softer clipping characteristics, but I've never heard a technically valid claim that 800 watts headroom would be required to eliminate clipping at average listening levels in the home. I'd like to see the math, including the sensitivity of the speakers in SPL at one watt/one meter, the size of the room and the SPL you consider "room filling" either at the location of the listener or one meter from the driver.

Also, which speakers are "most people" using that are capable of reproducing the 800 watts peak that you claim is necessary?

>The other thing you can hear is the effect of improperly matched
>damping factor.

There's no such thing as matched damping factor. It's a euphemism for the need to minimize the audible defects of junk speakers. I suggest that if you think older speakers such as Acoustic Research, Klipsch, Altec, University and Jensen have muddy bass when they're driven by solid-state amps, you've been conditioned by the large amount of crap that's now on the market.

73,
Jack WB3U

1289. FS: Uniden Force UHF repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Dave Fortenberry <davef@radiozone.com>
Message-ID: <317BEBBD.863@radiozone.com>
Source record: 202376

FS: Uniden Force model ARU-251 25 watt uhf repeater. Has ctcss enc/dec, built in AC supply with automatic battery backup switching w/on air warning tone. Currently xtaled up on the UHF ham band, but can be moved to 450 or 460 as well. Comes with service manual. $550 shipped to lower 48. Call 916-991-7014 or e-mail davef@radiozone.com

Dave
--
ï¿½WPCï¿½

1290. Mods for TH-415 wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: fbonnet@zen.dedal.fr.net
Message-ID: <gs4exoalkZQa084yn@zen.dedal.fr.net>
Source record: 202377

73,

I'm searching mods for Kenwood HT TH415.

If you can help me, please Email at>>> fbonnet@zen.dedal.fr.net

Francois,
F1ITT

1291. PK232 For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Jim Brown <starman@conterra.com>
Message-ID: <317C08E6.4BB6@conterra.com>
Source record: 202378

1 AEA PK 232 tnc with all but the latest updates ie: It has
the mailbox but not Pactor etc. Works fine. Asking $185. phone is
803-874-2834. Name Clarence Lowe.....More???

1292. Re: IC-970 is it good ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <Dq9Kv2.Cyn@pe1chl.ampr.org>
Source record: 202379
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

In <1996Apr21.073533.4420@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>I know, I should have known better than to buy a Kenwood. I've
>got enough experience with them to know that they are all terminally
>brain dead. I just have to plead temporary insanity when I bought
>yet another of their poorly designed pieces of crap.

Yes, Kenwood user-interface always sucks...
Quite some years ago, the local packet radio networking group bought
a lot of TM-531E 23cm FM transceivers to use for links in the Dutch
packet network.

They have to operate in a 59 MHz split for this, and it is unbelievably
complicated to set them up to do that... when you don't have a manual
with you when at a link site, you are basically lost when you have to
retune a transceiver. And sometimes they suddenly lose their memory
and have to be retuned :-(

ALL the Kenwoods (even the 790) are lacking a programmable repeater split.
You get what they think is right for your area. However, the split
has been changed a few times because of bandplan changes and coordination
with other band users, and now it is 28 MHz. That is not present in
Kenwood transceivers, so you can no longer freely tune around in the
repeater subband (you have to program each repeater in a "split" memory).

Also, the TM-531 has serial control via its MIC jack, which is proven
by the existence of a "remote control" from Kenwood. However, they
refuse to publish the protocol used. (unlike Yaesu and ICOM)
So, we cannot do remote control of our transceivers in the packet
network, which would have been very nice (to set power level, reprogram
the frequency when it has once again forgotten it, read S-meter value, etc).

There is also a bad bug in the design: they generate output even when
the PLL has not yet locked. This causes interference around the transmit
frequency. Setup a spectrum analyzer to store peak values seen around
the transmit band of the local node, and you see a 3 MHz wide spectrum
around the transmit frequencies. The interference is so strong that it
jams other links.
The 2M and 70cm units have the same bug.

Finally, they are not suitable for G3RUH modems, so we still run them
at 4800 bps using HAPN modems.

All in all it was a bad choice. The only advantage of these boxes has
been that they don't fail too often, especially when run at 1 Watt.
Unfortunately, there is no really better commercial alternative. The

only well-working 23cm link transceivers are the kits available from
Germany...

Rob
--
+-----------------------------------+--------------------------------------+
| Rob Janssen rob@knoware.nl | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+--------------------------------------+

1293. ANYONE OWN THE YAESU FT-3000M?????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: ndewitt@ais.net
Message-ID: <4lgukv$1lh@news.ais.net>
Source record: 202380

Can anyone tell me what they think of the Yaesu ft-3000m.

Thanks in Advance,
Nate
ndewitt@ais.net

1294. Re: Heathkit HR-1680

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4lgupl$4e4@mksrv1.dseg.ti.com>
Source record: 202381

In article <4l7mk6$7uc@crash.microserve.net>, jackl@pinetree.microserve.com says...
>
> davek@yoda.psu.edu (Dave Kelley) wrote:
>
>>I'm looking for information on the old Heathkit HR-1680
>>ham-bands-only receiver. It was manufactured in the late 1970s.
>
>I don't have my old Heath catalogs anymore, but I thought this was a
>big tube-type receiver made in the mid 60's. Perhaps the companion to
>the Apache transmitter or the Mohawk?
>
>73,
>Jack WB3U

The HR-1680 was a 100% solid-state receiver, made in the late 1970s. It was the companion to the HX-1681 CW transmitter. It covered 80/40/20/15/10m, plus (I believe) 15 MHz for WWV. There was no provision for an i-f filter, although there was an audio-type CW filter included. There was also no provision for a noise blanker. It wasn't a bad receiver for casual use, but like most Heath receivers, it wouldn't hold up under the grueling conditions of a contest. These are selling on the hamfest market for $50 to $100.

73 de KC5NG

1295. Re: Radio Atlas 400XHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: ecgallup@mlode.com
Message-ID: <4lgsv1$h58@news.wco.com>
Source record: 202382

In article <01BB2F20.64186580@maq119.tba.com.br>,
pt2kd@tba.COM.BR (=?iso-8859-1?Q?Francisco_Deir=F3_Couto_Borges?=) wrote:
>I'd like to have some information about the new radio transceiver Atlas
400XHF

Atlas Radio is out of business. The 400 is not available and will not
be.

Ed

1296. Re: Portable HF vs. Tabletop HF Transceivers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4lguak$obn@comet.connix.com>
Source record: 202383

Mitchell <mitchell@n-jcenter.com> wrote:

>I recently acquired my General ticket and am debating on a
>good first-time HF rig... Price is important, but features and
>quality are also essential. Should I consider a portable,
>like an ICOM IC-706, Alinco DX-70T, or a lower priced table
>top ICOM or Kenwood. What are some good used models to consider?

Check out the Yaesu FT-900/AT and get the best of both! I'm VERY
happy with mine, in the car and in the shack ...

1297. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4lgpd4$57v@miwok.nbn.com>
Source record: 202384

jackl@pinetree.microserve.com (WB3U) wrote:
> subich@ramlink.net (Joe Subich) wrote:
>
>QST should print a correction to the statements in the article
>relating to this point, and should probably apologize to Eimac as
>well.
>
>Very sloppy work.
>
>73,
>Jack WB3U

WHY don't YOU come off this bullshit juvenile thread and get a life? How many past articles would you suggest as reasonable that I provide from QST and other magazines to show that this is not really uncommon. QST is *NOT* a "newspaper*, or other similar publication with different standards of journalism - it is a magazine presenting material to a relatively narrow cross section of special interest individuals. Who would be better qualified to present a useful article relating to a specific facet of Amateur radio, some one well down on the technology ladder, or an engineer or manufacturer DIRECTLY involved with the element in question? This is *NOTHING* but senseless bitching!

--
Gary... KJ6Q...I am the NRA | The NRA doesn't vote - but it's
========================== | MEMBERS do, *ABUNDANTLY!"
Those who choose to "beat |================================
their swords into plowshares"| "It's *EASY* to be a liberal, it's
will end up *PLOWING* for | OTHER people's money you are giving
those who DON'T! | away! (or living off of!)

1298. FT-50 Wide FM Receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4lh3av$2dg8@mule1.mindspring.com>
Source record: 202385

I called Yaesu today to ask about the wide FM mode on my FT-50. I received email from one person that a Yeasu engineer told him that 25KHz filters were used instead of 75 KHz by mistake. Another respondent was told by Yaesu that the wide FM isn't "true" wide FM broadcast receive, but just TV sound (which works fine on my unit). That seems inconsistent with the sales info which talks about FM broadcast receive capability. The response I got was similar to that of the second caller - that WFM was not really wide. When I asked about the other story, the Yaesu employee said that, since the first radios are just now here, he wasn't really sure if things would be changed or not. I'm not too worried, since Yaesu has always "made things right" when there is a mistake (i.e. 15 KHz scan mod on the FT-51R). I guess it remains to be seen if this is considered a mistake in radio construction or in ad writing. anyway, FYI...

PS I like the radio very much and I will be glad I bought it even if I never use WFM. If you are considering purchasing one, don't let this scare you away. I'm very happy with it. Don (KE4KYO)

1299. Re: ICOM IC-706 75/80-mtr problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: k5qq@aol.com
Message-ID: <4lh2bk$nob@newsbf02.news.aol.com>
Source record: 202386

Hi Gary

I didn't know the setting of '1 thru H" for the power was kept per band so that is some useful information. However, to the best of my knowledge never did a lower power on HF than the max. I did set the power down on 2 m SSB so I could drive a small 30 watt HT type anmplifer that had SSB as one of the modes.

In any case, I also did a CPU reset and then I took the power measurements into a Bird Wattmeter with internal dummy load, so I don't think it's a setting problem.

But thanks for reading and replying. I appreciate it. (Of course it would be real aggravating to find the problem now that I shipped it off to Icom!!!)

Adios and thanks again

Jim

K5QQ@AOL.COM

1300. 1750 Hz burst tone on a FT-51 R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: fbonnet@babel.asi.fr
Message-ID: <4lgsn9$3f2@s2.asi.fr>
Source record: 202387

I've got a Ft 51 R and ADMS 1B software. I would like to
use 1750 HZ burst tone , is it possible ?

Thank you for answering at fbonnet@zen.dedal.fr.net

73 de Francois F1ITT (france)

1301. Mods for TH-415

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: fbonnet@babel.asi.fr
Message-ID: <4lgsna$3f2@s2.asi.fr>
Source record: 202388

I'm searching some mods for TH-415 UHF kenwood HT.

Please Email at fbonnet@zen.dedal.fr.net

73 de Francois F1ITT

1302. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lha16$ks6@crash.microserve.net>
Source record: 202389

Gary - KJ6Q <tech@thereporter.com> wrote:

>Who would be better qualified to present a useful article relating to
>a specific facet of Amateur radio, some one well down on the
>technology ladder, or an engineer or manufacturer DIRECTLY involved
>with the element in question?

Technical qualifications aren't the issue. Ethical engineers don't
sacrifice truth for marketing. Neither do ethical journals.

73,
Jack WB3U

1303. FS:FT1000 Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: GARY BARNES <qualcomm@netzone.com>
Message-ID: <4lg3bh$a8o@news1.netzone.com>
Source record: 202390

I have a Yaesu Model FT1000 with external speaker,Md100 desk mic,phone patch .Asking $3000 for all.

This is my fathers radio and he can be reached at 602-988-1101 his name is Gary. Call him if interested.
Thanks,
Gary

1304. Telex Boom Headset ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Kevin Elliott <kevinel@primenet.com>
Message-ID: <4lhfqa$2tp@nnrp1.news.primenet.com>
Source record: 202391

Does anyone have the tech sheet for the CB-100 Telex-Hygain boom headset?
I would like to have the following specs. Impedance, pin-out, element
type. If you would be so kind as to supply me this information I would be
forever in your debt.

--
Just a poor old ham looking for a contact QRZ de KG0MN.
A true lover of R.L. Drake and Company
---
kevinel __ __ ____ ___ ___ ____
kevinel@primenet.com /__)/__) / / / / /_ /\ / /_ /
/ / \ / / / / /__ / \/ /___
/---

1305. FS -- KINGS PJ-068 MIC PLUGS << THE REAL THING >>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: "Bill (AA4FM/0)" <debral@falcon.cc.ukans.edu>
Message-ID: <1996Apr22.223842.118418@kuhub.cc.ukans.edu>
Source record: 202392

:::::::::::::::: KINGS PJ-068 MIC CONNECTOR ::::::::::::::::

New original PJ-068 microphone plugs manufactured by
Kings Electronics.

These are the MIL-SPEC mic connectors supplied as original
equipment to the military and Collins Radio.

Why buy a cheap copy when you can have the real thing
for the same price?

Fits Collins, Drake, and others that specify a .206"
3-conductor phone-type mic plug.

These plugs retail for about $14 + postage (if you can
find them!)

My price: $7.50 each (I pay postage)

::

1306. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: "Bill (AA4FM/0)" <debral@falcon.cc.ukans.edu>
Message-ID: <1996Apr22.223209.118417@kuhub.cc.ukans.edu>
Source record: 202393

The FT-101E was (and still is) an EXCELLENT radio for the money. If only those darn sweep tubes didn't keep creeping up in price!

I think that Yaesu knew exactly what they were doing when they provided the capability to operate on the Children's Band.

They were greedy! Why not make a buck? Let's add 11 meter capabilty! We can sell to U.S. hams AND CBers. We don't care! Just take the money and run!

I still have my 101E and use it when I'm not on the KWM-2A, but somehow I still feel a bit embarassed when I say "rig here is FT-101E". You know that it shouldn't be that way.

Bill
AA4FM/0
Eudora, Kansas, USA

1307. FT736 MEM->VFO and PMS->VFO transfers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDq9vry.B60@netcom.com>
Source record: 202394

I've had a FT736 for a long time and always lamented lack of a key to copy memory to VFO. (there are multiple ways to write/destroy/mangle your memories, but no documented way to read a memory to VFO).

Anyway, thanx to an e-mail from Charles Sherwood sherwood@cig.mot.com, it turns out there are key sequences to do memory read, along with copying the current PMS frequency to a VFO.

MEM->VFO: Go into "MR" mode and dial to the desired memory. Push VFO A or VFO B button to select the VFO. Press F then VFO. Display will then show the selected VFO, and operating freq/mode will reflect the copied setting.

PMS->VFO: Go into "PMS" mode and scan/band to the desired frequency. Push VFO A or VFO B button to select the VFO. Press F then VFO. Display will then show the selected VFO, and operating freq/mode will reflect the copied setting.

I haven't seen reference to either maneuver in the manual. If it is in the manual, could someone refer me to the right page/paragraph, so I can kick myself for suffering for all these years? ;-)

Anyway, much thanx goes to OM Charles (chuck?) for solving one of the most aggrivating problems I have with the FT736. I didn't get his callsign.

73 Dave WB0GAZ dgf@netcom.com

1308. Re: > Help with FT736 mod.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Bob Dashoff <rdashoff@ucr.campus.mci.net>
Message-ID: <317C431B.50F4@ucr.campus.mci.net>
Source record: 202395

T.A.P.R. makes a unit that fits into your external speaker that you can program to open with ctcss tones. It will trip relays and external devices. They do have a web page and the gaget is in the page. I have it in my bookmark if you want to address. T.A.P.R. are the people that founded packet radio.

Bob.....

1309. Info Request: Mobile Data Terminal

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Desmond Crisis <dcrisis@cnet.com>
Message-ID: <317C5D52.3A08@cnet.com>
Source record: 202396

Hello and thanks for reading this.

I've recently acquired an MDT (pretty sure it's a Motorola) and I want to put it into service on a mobile packet station.

I don't have the model number of the unit but it is apparently a few generations old. (it has a dot-matrix style display rather than a CRT and a limited keyboard) The unit is all one piece and has a DB-25 as well as a similar style 37(?) pin connector on the back. Power apparently comes through the DB-25 somehow. According to the man I bought it from, the 37-pin connector (and board it is connected to) were not present on most of the units in the batch he originally purchased from a police department in either Nevada or Arizona. (Apparently the department replaced them with GRID laptops.)

I'm hoping that it will speak RS-232 somehow and that I'll find a way of mapping one of the special function keys to operate as a carriage return.

If you have any information on MDT's or pointers to more information I would greatly appreciate it.

Thanks,

Desmond Crisis
dcrisis@cnet.com

1310. US version of Standard C601 forthcoming?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDq9v39.A27@netcom.com>
Source record: 202397

In JA, Standard sells a C601 which is the micro-sized HT set up for 430 & 1240 MHz. Anyone hear of plans to make a US version (C608A?) for 440 & 1240 MHz?

73 Dave WB0GAZ dgf@netcom.com

1311. Re: RE: Beldon 9913

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Scott Ryan <crtoy@fyiowa.infi.net>
Message-ID: <4lfrql$57u@nw002.infi.net>
Source record: 202398

I'd like to thank everyone for their tips & advice on coax. I did find Belden 9913 locally for .59 cents/ft. plus $12.00 for the correct connectors.

What an improvement!! The local airport (15 miles away) ATIS is now receivable, never heard it with the RG 59 coax. Also the signal on 800 mhz + is much stronger.

1312. RE: Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Rick McMillion <rickmcm@elite.net>
Message-ID: <01bb3034.af0fc6e0$2bddc7cd@default>
Source record: 202399

Not to mention that Kenwood no longer sells parts for their own radios. They have opted to only sell parts through a third party vendor. I believe the name of the current parts vendor is Pacific Coast Parts or something like that. Be prepared for sticker shock when you order a Kenwood Part from them. I had a heck of a time when I called and asked for panel lamps for a Kenwood 7625. Not only did they not understand what I wanted to buy, but when they finally found the part for me, they charged me about $3.50 each for them.

73, Rick, WB7UGZ

On Sunday, April 21, 1996, Gary Coffman wrote...
> In article <4l2fvl$6ak@midland.co.nz> ross langridge
<carters@igrin.co.nz> writes:
> >
> >ONLY BUY A KENWOOD!
> >THERE IS ONLY ONE BRAND WORTH BUYING!
>
> Well, I suppose, if you like lots of intermod, poor thermal design,
> a truly wretched user interface, and the worst factory support in
> the industry, then perhaps you should buy a Kenwood. Otherwise, I'd
> suggest you buy *ANYTHING ELSE*.
>
> Gary
>
> --
> Gary Coffman KE4ZV | You make it, | Due to provider
problems
> Destructive Testing Systems | we break it. | with previous uucp
addresses
> 534 Shannon Way | Guaranteed! | Email to
ke4zv@radio.org
> Lawrenceville, GA 30244 | |
>

1313. Alinco dr590 info.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-22 00:00:00 UTC
From: Eduardo Artigas <eartigas@guate.net>
Message-ID: <4lgsus$bjm@spitfire.msrcnavo.navy.mil>
Source record: 202400

I would like to get information on modifications for the Alinco dual band
mobile DR 590.
Any Ideas??

1314. Kantronics CW/RTTY setup

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: w3syt@aol.com
Message-ID: <4lhsjt$66i@newsbf02.news.aol.com>
Source record: 202212

Includes Kantronics "The Interface" (early predecessor of KAM), Hamtext
firmware card to plug into Commodore Vic-20. Of course including the
Vic-20 which is your CW/RTTY keyboard. Neat package. $100 postpaid.
With books etc. 73, tnx, Bob Rockwell, Pittsburgh.

1315. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <830251269snz@microvst.demon.co.uk>
Source record: 202213
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

In article <4lgkbc$dfl@crash.microserve.net>
jackl@pinetree.microserve.com "WB3U" writes:

> Contrary to your statement, the tube
> amplifier produces less odd-harmonic distortion when driven into
> clipping, in turn creating a more "natural" sound.

How does this work, Jack? What is the effect of clipping, when viewed in
the frequency domain, if it is *not* the creation of odd-order overtones?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1316. What's Happening at ICOM?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <4lieql$5eg@ralph.vnet.net>
Source record: 202214
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

There was a "company-wide meeting" at Icom America yesterday, as another service facility (California) seemed to be closing. Anybody know what's happening?

1317. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4lieg8$b70@newsbf02.news.aol.com>
Source record: 202215

Hi Joe,
Thanks to you too for a breath of honest technical reasoning in a strangely emotional thread!

For a moment I thought the uni-bomber was here, hi.

In article <4lhoa6$7ck@ram2.ramlink.net>, subich@ramlink.net (Joe Subich) writes:

>Tom, the screen and grid are both regulated supplies. The screen at
>about 350 volts with voltage foldback as the current increases (to
>prevent the screen from dissipating excess power). The grid is also
>regulated (zener diode).
>
>The tube is grid drive with an untuned resistive termination (50 Ohms
>with a slight inductance by using a mix of non-inductive and wire wound
>resistors).

What is the grid bias voltage of the tube and the class of the stage?

I find it strange that all these tubes require a 50 ohm grid resistor to develop correct grid voltage swing with a 100 watt exciter. That almost seems too good to be true. I am trying to help three people get 4CX1600's running. One guy's amp only needs ten watts of drive! Of course many solid state exciters get trashy when turned down that far. A FT1000D I measured had horrid IMD measurements at ten watts, as did an IC751A.

My worry is that the series of articles stemming from incorrect design parameters (with values mainly selected to make the tube look appealing) will result in some nasty signals on the air. The "standard" 50 grid resistor *seems* like a case of "stick this part there" engineering.

>While I now have a spare pair of 8875s for my MLA-2500, I think I blew
>one of my "good" tubes in the old HF mailforwarding days (haven't had
>a chance to work with it since moving) so I'm looking at the 4CX800A
>retrofit as a bit of future protection.

>W6TC was marketing manager for Eimac for many years before retiring in
>approximately 1990. He joined Svetlana, USA shortly after that as VP of
>marketing.

It would be nice to see some tetrode articles explaining proper design, rather than written exclusively as marketing tools. But then salesmen aren't always good engineers, or vice versa.

>:>Doesn't QST watch for that?
>

>I would have expected the editors at QST to have pulled the last two
>paragraphs of George's article. In my opinion, they were not called
>for, supported by the facts, or justified in what was, otherwise,
>generally an interesting history of the high power vacuum tube in
>amateur radio.

The facts support your opinion Joe. It was a shame a well written article became a marketing tool, and especially shameful incorrect information unrelated to the subject crept in. I found the thinly veiled and false denigration of Eimac zero bias triodes tasteless. There is no reason for that type of nasty and untruthful marketing.

Anyway, what was the grid bias of the tube and class of operation? Did the author include a screen meter? Was there an energy storage component at the screen to improve dynamic regulation during voice peaks?

Tetrode circuits are a real design pain compared to triodes, and I've never seen any of the "marketing tools" the author has gotten published properly address tetrode design. Of course that may be because I have "an Ox that was gored, or a tempest in a tea pot, or a bad hair day".

Or it could be because IMD related splatter from poor designs annoys me.

73,
Tom

1318. Re: USING 706 W AT 500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Gary Fiber <gfiber@halcyon.com>
Message-ID: <317CCB5F.46F8@halcyon.com>
Source record: 202216

Russ Rinckey wrote:
>
> Can you wire the 706 and at 500 to work in the auto mode like the rest of the icom rigs. I dont care about 6 meters i have a good match on 6 and 2.

Yes you need the OPC-599 and OPC-118 adaptor cables with the 24 pin to 24 pin cable supplied with the AT-500

Gary

1319. WTB: OpManual for Kenwood QR666 rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1996Apr23.093451.1@ccsua.ctstateu.edu>
Source record: 202217
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.amateur.equipment

Looking for the operating manual for the Kenwood QR666 HF receiver.
Original, copy, or leads ...
Thanks es 73 de N1QVE
Harry
white_hae@ccsu.ctstateu.edu
harry@connix.com

1320. Re: Wanted:R390A manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: dallen@melpar.esys.com
Message-ID: <4lijmo$idk_001@isp.melpar.esys.com>
Source record: 202218

In article <4lgfoe$hnb@newsbf02.news.aol.com>,
kenn2sqw@aol.com (Ken N2SQW) wrote:
>Path:
newsgate.melpar.esys.com!uunet!in2.uu.net!panix!newsfeed.internetmci.com!howla
nd.reston.ans.net!news-e2a.gnn.com!newstf01.news.aol.com!newsbf02.news.aol.com
!not-for-mail
>From: kenn2sqw@aol.com (Ken N2SQW)
>Newsgroups: rec.radio.amateur.equipment
>Subject: Wanted:R390A manual
>Date: 22 Apr 1996 13:30:54 -0400
>Organization: America Online, Inc. (1-800-827-6364)
>Lines: 4
>Sender: root@newsbf02.news.aol.com
>Message-ID: <4lgfoe$hnb@newsbf02.news.aol.com>
>Reply-To: kenn2sqw@aol.com (Ken N2SQW)
>NNTP-Posting-Host: newsbf02.mail.aol.com
>Status: N
>
>I need a manual for the R390A. I have one for the R390, bu tthere are
>enough differences to require the proper manual. Original or photocopy, it
>doesn't matter, as long as it's readable.
>Thanks, Ken

Ken, I bought mine from Fair Radio Sales in Lima OH. It is an excellent copy.
Call them at (419) 227-6573. Dale

++
+ Dale B. Allen (703) 849-1639 Internet: dallen@melpar.esys.com +
+ E-Systems, Falls Church Division FAX: (703) 280-4627 +
++

1321. WTB: Cheap 50MHz multimode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Erik Finskas OH2LAK <finskase@ee.port.ac.uk>
Message-ID: <317CD5B1.D14@ee.port.ac.uk>
Source record: 202219

Wanted cheap 50MHz SSB/FM-radio, can be even broken

Offer what you have via email

Erik
--
Erik Finskas M1AAJ & OH2LAK
Email Finskase@ee.port.ac.uk
Lakki@clinet.fi
University of Portsmouth, UK
Department of Electric and Electronic Engineering

1322. FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: zact@visi.net
Message-ID: <4liq4n$ft6@madrid.visi.net>
Source record: 202220
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have a Polarad Microwave signal generator New in the box with
manuals & probes. asking $500.00 OBO call John at (804) 340-7685 or
e-mail zact@visi.net
Email me at zact@visi.net

1323. Re: Tucker TVI Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4litjn$eur@newsbf02.news.aol.com>
Source record: 202221

Hi Lee,
In a message dated 96-04-23 10:17:36 EDT, you write:
>
>A good source for good High Pass filters? Where do you find ferrite
cores
>these days? Any help would be appreciated. TU
>
>Lee

I can tell you a **poor source** for TVI filters, Tucker electronics.

The Tucker low-pass filter my friend bought was in a pretty looking, heavy case. But the case had paint on the cover mounting edges and insulating washers under the cover screws. It had long wire lead conventional disk capacitors and toroids as the filter element. The construction was unthinkably POOR for a VHF-UHF filter.

It had severe case radiation, and poor VHF-UHF attenuation. It actually CAUSED TVI in my friend's installation!

We replaced it with a jumper and TVI was reduced, we added an old Bencher and the TVI went away!

73 Tom

1324. Need schematic ft208r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: bb@tisc.com
Message-ID: <4litqc$d8o@taxis.corp.titan.com>
Source record: 202222

I need a copy of a schematic for a yeasu ft208r
willing to pay copying and mailing costs
73
bill
kc6yox

1325. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: ke4zv@radio.org
Message-ID: <NEWTNews.830285787.589.ke4zv@ke4zv.radio.org>
Source record: 202223

In Article<4lghc4$i7s@newsbf02.news.aol.com>, <w8jitom@aol.com> writes:
> Technical articles should be based on fact, not hyperbole.
>
> I am puzzled why more of us don't share that view.

Probably because we don't agree with you that the article was in
fact a horribly technically inaccurate advertising ploy. It was
a nice historical overview of amplifier tubes used in amateur
and commercial designs over several decades. Very little hard
technical data one way or the other was presented to be upset
about.

Gary

1326. Re: Kenwood TM-241 mod - HELP!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2304961344040001@145.39.1.10>
Source record: 202224

In article <1996Apr22.001246@msuvx1.memphis.edu>, usdhicks@cc.memphis.edu wrote:

> Thanks for reading this.
>
> I would like to mod my Kenwood TM-241 2mtr mobile rig for expanded transmit
> (153 Mhz for RACES). I cut the green wire loop coming off of the display, but
> that only opened it up to 151.995 mhz. All the mods I have been able to find
> say to put a 1N914 diode across D209, which is behind the tone button. But
> there is already some kind of chip across D209, and when I install the diode,
> nothing happens. This mod worked fine on my older TM-231 because there was
> nothing in the way. But this chip on the TM-241 seems to have an effect
on the
> mod.
>
> Does anyone have any ideas?
>
> 73 & thanks,
> Steve
> usdhicks@cc.memphis.edu

It sounds like you are after something other than RACES, or you have
gotten some bad data. If you read Part 97.407, you'll see that RACES
operation takes place INSIDE the amateur bands, specifically 144.50
-144.71 and 146-148 MHz. There are NO frequencies authorized by the FCC
for RACES use in the area of 153 MHz.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do not represent the views of Motorola Inc. **
--
By sending unsolicited commercially-oriented e-mail to this address, the
sender agrees to pay a $100 fee to Motorola Inc for proofreading services.
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

1327. Re: Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: wb6w@netcom.com
Message-ID: <wb6wDqAr8M.7tt@netcom.com>
Source record: 202225
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.misc

HDTV may well be a technical marvel (though most SVGA monitors will provide the same resolution if not the aspect ratio) but what makes you think that the quality (or content) of the shows will be any better than it is now? (yecch!)

--
****
* "Two wrongs don't make a right, but three lefts do." *
* *
* wb6w@netcom.com - Glenn Thomas *
****

1328. I need a Manual or MODS for a Azden pcs3000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: n9fkq@intersource.com
Message-ID: <4ljbfb$cli@gretle.intersource.com>
Source record: 202226

I am in need of a manual for a Azden PCS3000 2meter mobile
Service or Owners will do. I will pay Copying and shipping

I also want any mods for this rig.

Thx & 73's

>>>>>> Paul Seigle <<<<<<
n9fkq@intersource.com
n9fkq@k9iu.in.usa.na

**** The Wizard ****

1329. Re: Yaesu FT-757 gxII info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Shelby Merrick <smerrick@som-uky.campus.mci.net>
Message-ID: <317D31AC.36E2@som-uky.campus.mci.net>
Source record: 202227

KC7FYS wrote:
>
> Hello,
> I just purchased a good cond ft757 in JA and I am looking for the english
> manual for the thing--and also anyone who has interesting anecdotes about
> mods, QRV, etc, with this rig. I am going to install the CW filter when
> it arrives. Any tips. Please email me.
> Jonathan 7j1awl/kc7fys

I just bought one at a hamfest less than a month ago. I had to buy manuals for mine from straight from yaesu. The owner's manual is $7.31 and the service manual is $15.69. Shipping was 4.00 for a grand total of $27.00. Their number is 310-404-2700.

73's
Shelby KE4AKA

1330. Re: Yaesu FT-757 gxII info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Shelby Merrick <smerrick@som-uky.campus.mci.net>
Message-ID: <317D326E.684B@som-uky.campus.mci.net>
Source record: 202228

KC7FYS wrote:
>
> Hello,
> I just purchased a good cond ft757 in JA and I am looking for the english
> manual for the thing--and also anyone who has interesting anecdotes about
> mods, QRV, etc, with this rig. I am going to install the CW filter when
> it arrives. Any tips. Please email me.
> Jonathan 7j1awl/kc7fys

I just bought one at a hamfest less than a month ago. I had to buy manuals for mine straight from yaesu. The owner's manual is $7.31 and the service manual is $15.69. Shipping was 4.00 for a grand total of $27.00. Their number is 310-404-2700.
Also, their's a little black switch behind the dial when you take the case off. Flip this and it opens up the transmitter for all freqs. Mine was turned on when I bought it.

73's
Shelby KE4AKA

1331. Re: TR7600 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4ljenh$blm@mksrv1.dseg.ti.com>
Source record: 202229

In article <paynej1.2.001240A0@ct.net>, paynej1@ct.net says...
>
>Does anyone have a manual for the Kenwood TR7600? I will pay postage and c
>opy
>costs.
>
>Thanks! John Payne N4FLJ

I have the owner's manual AND the service manual for the
TR-7600 (along with the radio and the RM-76 controller,
and the RM-76 service manual). E-mail me your address,
and I'll copy what you need and send it to you (but it
will be about three weeks, if you can wait that long).
73 de KC5NG (Dean Hemphill, Lake Dallas, TX)

1332. WTB Like New ICOM 781

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Joe Balch <jbalch@mindspring.com>
Message-ID: <317D4C94.6BEC@mindspring.com>
Source record: 202230

I want to buy a like new IC-781 this week at a reasonable price. JOE, AD4BB in Roswell, GA

1333. Icom IC-T7A Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <317D30E8.3C89@mail.rust.net>
Source record: 202231

Anyone familar with the new ICOM IC-T7A Dual-Band H.T.?

Interested in undocumented features, extended receive frequency coverage, etc.
Also, is the PC software available for it? If so, how does it work?

Thanks, Bill Crocker

1334. Repeater Linking

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: dgra@eci-esyst.COM
Message-ID: <n1381865320.94705@qmgate.eci-esyst.com>
Source record: 202232

Sorry if this has been covered before, but I am hearing alot lately about linking repeater systems via the internet. Anyone have any information about required software and hardware interfacing, and what server on the internet needs to be accessed.

Thanks in advance for any help. Please reply directly via e-mail since I don't subscribe to all the lists.

73,
Dana Rodakis, AJ1R
St. Petersburg, Florida
dgra@eci-esyst.com

1335. Re:TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: cesar@iq.ufrj.BR
Message-ID: <199604231633.QAA12637@server.iq.ufrj.br>
Source record: 202233

On 26 Mar 96 10:36:03 -0800
Robert Young asked:
>Subject: Kenwood TS-870S Mods Wanted
>
>Wanted:
>
>I'm looking for any mods for the Kenwood TS-870S.
>I need the extended TX/RX mod (ie Mars/CAP) for this radio.
>The new Yaesu FT-1000MP uses a software mod for expanded
>coverage and I was wondering if the Kenwood TS-870 does
>likewise. I would also appreciate any comments good or bad
>this radio as I missed the recent QST review.
>
>Thanks!
>
>73 de N9MSS Bob
>
>------------------------------

The TS-870S did not seem to have the nice features of the Yaesu radio. Just looking at its schematics, it appears that it has the same Mars/Cap alteration as did the 850 and 450. The only difference is that there is no diodes to cut but only resistors. I did not find any others menus besides the calibration menu (N.R.+SSB on power on). There is another menu ?? (N.R.+CW on power on) just shows the word READY and 3 possibles positions but no further indication, besides an error code for the DSP. ANY Suggestions ???

73's
From PY1 BY
(cesar).

As I have no get this in any Ham-digest I hace received I'm sending it again

1336. TS-870 review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: cesar@iq.ufrj.BR
Message-ID: <199604231742.RAA12729@server.iq.ufrj.br>
Source record: 202234

I have just take a look on the Peter Hart review on RADCOMM (RSGB) about the TS870.
I find his results very interesting as I've just bought one.
My main use for it is in the 40 and 80Meters and despite the measurements (that I do not have any questions about its accuracy), up to now I have not found any problems relating to blocking in SSB.
Yesterday night I was in 7.194MHz just between two broadcasting stations (~20 dB over nine) listening to two US stations (S3-5) and I did not find any problem. However when I changed to CW I did find that the noise level did increase and splatters did occur in the nearby frequency.
A quickly analysis between the schematics of the 850 and the 870 showed that the two radios have in general the same set of IF filters. So that brings me to my questions:
Assuming they have not change the mixing levels, what have changed among the two radios? Note that I have no questions about the DSP in the end of the chain.
Does any one could explain how the CW signal paths that seem to be routed through the same set of filters as in the case of SSB do show some degradation that I could not detect in SSB?
Further if the 3KHz (8.8MHz) filter is supposed to cut 70dB at 5KHz how could I have an interference 10KHz AWAY as I have found in CW?

Anyway I hope KENWOOD will address the subject very soon because as the reviewers have mentioned the 870 has one of the best audio (in Amateur radio) I have listened in the past 20 years.

THANKING IN ADVANCE FOR YOUR TIME IN READING THIS

73'S from
CESAR (PY1BY ex G5CZU,ex PY1EFV)
e-mail cesar@Iq.UFRJ.br

1337. Need opinion on Icom 2000H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Mike - KB9LPJ <imrikfam@win.bright.net>
Message-ID: <4ljpfl$q9@bucky.win.bright.net>
Source record: 202235

Hi.. I am wondering if anyone out there who
has an Icom IC-2000H could help me out. I am
wondering how you like it?? How does it preform
on voice?? Is it ok on Packet?? Is it a reliable
rig all around?? Please give me your opinion.
I have the need for a radio with high power to
hit distant repeaters (70 Miles)and I need a
radio that I can hook up and un-hook up for
packet easily. Later I would like to go mobile
with it (When I get a Drivers License). I think
the IC-2000H would fit my needs. Please give me
your opinion. TNX Mike

73's >> Mike de KB9LPJ

ax.25 --> KB9LPJ@KB9AMY.#NOWI.WI.USA.NA
Internet --> imrickfam@win.bright.net
TCP/IP --> [44.92.33.1]

```
----------------------------------------
|Earth Day is a wonderful day... |
|the day when all people around the globe |
|worship dirt!! |
----------------------------------------
```

1338. HTX202 low audio with speaker/mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: boardman@cobra.unm.edu
Message-ID: <4ljit7$9j5@lynx.unm.edu>
Source record: 202236

I'm sure I saw a reference to a fix for this problem, but I haven't been able to locate it via any of the www search engines. A friend has an HTX202 that he uses with the remote speaker/mic, and even though his signal is S9, the audio is very low. I hope that someone can point me to a fix for his problem.

73,

-Bob

```
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
| Bob Boardman, Albuquerque, New Mexico - KC5SFW - ARRL, Upper Rio FM Society |
| <boardman@cobra.unm.edu> PGP 2.6.2 public key available |
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
```

1339. Re: Yaesu Mil Spec 810?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <317D6B8F.6964@mail.rust.net>
Source record: 202237

Nick J Chiarchiaro, AET /N2QXF wrote:
>
> Hi name is Nick and I am curious.
>
> Yaesu claims there radios are mil spec 810 rated. GREAT !
>
> But, are they C, D or E?
>
> If I recall straight 810 is just shock and vibration. C-E is for
> rain, dust salt fog etc.
>
> Anyone know the extennt of the rating?

Nick:

From the way their ad's read, it's moisture.

Bill Crocker

1340. FT-50 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: jpss@ais.net
Message-ID: <jpss-2304962132180001@ts01-10.dialup.ais.net>
Source record: 202238

I was wondering if any out here can answer some questions about the Yaesu FT-50R?

How is it on intermod?

I made the mistake once of buying a Kenwood TH-79a. That thing was useless as it would pick up every radiating if oscillator with in a block of itself. Was always hearing garbage, images etc. It went back to kenwood and was told thats the way it is and learn to live with it. Question...is the FT-50 prone to suck up this crud too?

How do you like the rx audio, qualitity?, loudness?

Battery life?

Anyone hack any mods?

Thanks !

Yaesu told me on the phone today that the FTT-12 keypad option will not be available till sometime in May.

1341. FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Greg Ottria <gottria@earthlink.net>
Message-ID: <317D8D41.6A38@earthlink.net>
Source record: 202239

Just wondering if anybody knows what the jumper pads 2 and 3 are in the Yaesu 50R, under the keypad?
Thanks Greg

1342. ten-tec argo 556

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: kerbugh@aol.com
Message-ID: <4ljvmi$gs@newsbf02.news.aol.com>
Source record: 202240

Has anyone used the Argo 556 (the QRP version of the Scout)?? I would like to try some QRP, have tried to build one from a kit but have not had any success in getting it to work (yet). The Ten-Tec seems to be everything I need (except the price) but would appreciate any comments. Thanks.

Alan

1343. HTX-202 Cheat Sheet 1/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <581_9604232234@woodybbs.com>
Source record: 202241

REALISTIC HTX-202 Summary of Button Functions

A/LOCK/CA
PTT + A.....Transmit DTMF A.....page 33
F + LOCK.....Keyboard lock.....page 19
CA.....Calling memory.....page 20

B/P-SC/PR
PTT + B.....Transmit DTMF B.....page 33
F + P-SC.....Priority scan.....page 22
PR.....Priority memories.....page 22

C/M-WR/MR
PTT + C.....Transmit DTMF C.....page 33
F + W-MR.....Memory write.....pages 20-23
MR.....Standard memories.....page 23

D/M->VFO/VF/CLR
PTT + D.....Transmit DTMF D. Follow with 1-5 to
send a DTMF sequence.....pages 33 & 34
F + M->VFO.....Write memory to VFO.....pages 20-23
VF.....VFO mode.....page 16
CLR.....Clear partially entered freq in VFO mode...page 16

1/T-SQL
PTT + 1.....Transmit DTMF 1.....page 33
PTT + T-SQL.....Tone squelch.....page 28
1.....In Standard Memory mode, first digit of
selecting memory 10, 11, or 12.....page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 1.....page 22

4/D-SQL
PTT + 4.....Transmit DTMF 4.....page 33
F + D-SQL.....DTMF-squelch.....page 34
4.....In Standard Memory mode, select Memory 4...page 23
In VFO mode, enter a frequency.....page 16

7/SAVE
PTT + 7.....Transmit DTMF 7.....page 33
F + SAVE.....Power save option.....page 31
7.....In Standard Memory mode, select Memory 7...page 23
In VFO mode, enter a frequency.....page 16

*/ \/SC
PTT + *.....Transmit DTMF *.....page 33

F + \/SC.....In VFO mode, scan down the selected range..page 30
\/SC.....In VFO, Priority Memory or Standard Memory mode
scan down.....pages 17, 22 & 23
In memory-set mode, next menu item.....page 26

2/DTMF
PTT + 2.....Transmit DTMF 2.....page 33
F + DTMF.....Store DTMF memory sequence.....page 33
2.....In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 2.....page 22

5/BEEP
PTT + 5.....Transmit DTMF 5.....page 33
F + BEEP.....Key entry beep.....page 19
5.....In Standard Memory mode, select Memory 5...page 23
In VFO mode, enter a frequency.....page 16

8/M-SET
PTT + 8.....Transmit DTMF 8.....page 33
F + M-SET.....In VFO mode, memory set.....page 26
In Standard, Priority, Calling Memory,
change options for memory channel.....page 21
8.....In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.....page 16

0/V-SC
PTT + 0.....Transmit DTMF 0.....page 33
F + V-SC.....Vacant scan.....page 19
0.....In Standard Memory mode, select 1st digit
of memory 1.....page 23
In VFO mode, enter a frequency.....page 16

3/ +/-
PTT + 3.....Transmit DTMF 3.....page 33
F + +/-.....Duplex offset.....page 18
3.....In Standard Memory mode, select Memory 3...page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 3.....page 22

6/REV
PTT + 6.....Transmit DTMF 6.....page 33
F + REV.....Reverse transmit & receive freqs.....page 31
6.....In Standard Memory mode, select Memory 6...page 23

(Continued to next message)
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228

|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1344. HTX-202 Cheat Sheet 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <582_9604232234@woodybbs.com>
Source record: 202242

(Continued from previous message)

In VFO mode, enter a frequency.....page 16

9/M-CLR
PTT + 9.....Transmit DTMF 9.....page 33
F + M-CLR.....Memory clear.....page 31
9.....In Standard Memory mode, select Memory 9...page 23
In VFO mode, enter a frequency.....page 16

#/ /\SC
PTT + #.....Transmit DTMF #.....page 33
F + /\SC.....In VFO mode, scan up the selected range....page 30
/\SC.....In VFO, Priority Memory or Standard Memory mode,
scan up.....pages 17, 22 & 23
In memory-set mode, previous menu item.....page 26

F/M/PTT/L all located on the side of the unit with the PTT button

F.....Select the 2nd function of a key.....page 5
M.....Monitor a channel without squelch,
In Standard, Priority or Calling memory,
display memory's programmed options.....page 25
PTT.....Push-to-talk (transmit button).....page 18
L.....Turn on the light for 5 seconds.....page 15
F + L.....Turn on the light until you press L again..page 15
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1345. Looking for mods for 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <580_9604232234@woodybbs.com>
Source record: 202243

(Continued from previous message)

Enhancement of Microphone Frequency Response

1) To increase average depth of modulation
-- -- -------------- ----- -- ----------
Remove top cover of the radio and with the display facing you and the radio upright locate IC3 (MJM45585) near the bottom right hand corner of the main large board.

Just to the right of this IC locate c75 (56 pf) and remove it. This will increase the gain of the microphone Preamp considerably but without overmodulation. If you find the compression excessive(i.e. background noise) open the microphone and insert a 470 ohm resistor between the hot side of the mic insert and the input (white lead).

This will reduce the gain somewhat but will still give you much increased "talk power" (percy's words, not mine. Adam).

2) To increase audio response in the high mids
-- -- -------- ----- -------- -- --- ---- ----

This simple mod will recrease the audio response in TX in the 2 to 2.7 khz region giving higher articulation and move intelligibility under weak signal conditions.

Locate IC3 as before on the large main board and the radio positioned as before

Locate a 5.6k and a 4.7k resistor just below IC3.
Solder a 0.015 mf (16v) capacitor between the left side of the 4.7k to the right side of the 5.6k resistor.

These two mods work together to give improved readability on SSB under DX conditions.

------ -- ---

Percy, KF2AT, for taking the chance on his own radio, and wildly succeeding.
Jeff, N2LJA, for selling the radio to Percy and writing it off as a loss.
Tony, Kb2JYN, for being the test rabbit. May the rabbit rest in peace.
73 de Percy KF2AT and Adam Kb2Jpd @K2KJC.NY or @Kb2itr.NY.

(C) Copyright Adam Vazquez and Percy Jones. This documentation is for informational use. This information may be not published in modification manuals printed with the purpose of generating revenue without the prior consent of the authors. This information is released from hams to hams.
It is free.

The authors are not responsible for any damages on your part.
Don't do this unless you have:
prior electronics background & knowledge of cutting up SMT circuitry.
==========
Note: I haven't tried or verified this, proceed at your own risk. And
do not transmit outside of legal bands! WA2ISE

The phone company knows your phone number! :-)
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1346. Looking for mods for 1/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <57f_9604232234@woodybbs.com>
Source record: 202244

>> Looking for mods for HTX-100

Subject: R/S HTX-100 Modifications

copied from packet:
Msg# TSF Size #Rd Date Time From MsgID To
19802 BF 2860 3 15-Mar 2108 KB2JPD 13416_K2KJC MODS@ALLBBS ()
Sb: * Tandy HTX-100 Mods

The Modification Files for the Tandy HF HTX-100 USB/CW Tranceiver

--- ------------ ----- --- --- ----- -- ------- ------ ----------

Topics Covered

------ -------

*Extended Frequency Coverage from 26.000 Mhz to 30.000 Mhz
*Simple RF Wattage Enhancement to 35 Watts
*Enhancement of Microphone Frequency Response

Fair Warning and Friendly Advice To Very Anxious and Excited People

---- ------- --- -------- ------ -- ---- ------- --- ------- ------
We are not responsible for any damage on your part. If you don't know
don't do it. Let someone with more experience do it.

Thank you for your interest. The Tandy HTX-100 Amateur Radio Transceiver is
a close cousin of the Uniden HR-2510 (Listed as the Amateur Radio Mode
HR- 2510 (UT-550B). HTX for Ham Tranceiver, HR for Ham Radio, UT for Uniden
Transceiver. We can assume the A suffix for the HTX-100.)

My first HF radio as a Novice was a HTX-100, so there was always a lingering
question as if the Tandy model was capable of similar capabilities. I had
spent many hours examining the mini-schematic diagram at the end of the manual.

This information was derived from the buying of a HR-2510 service manual
at the local hamfest. When I examined the PLL schematic, I realized that
I was looking at a prior generation of the same PLL circuit. It helped
to complete the purchase.

The Uniden HR-2510 microcontroller u1201 is a 46 pin Dual Inline Package.
On the diagnostic voltage table for the microcontroller, there are two pins
labeled (34)AMATEUR and (35)GND aside of each other. They are pulled to GROUND.

#34 will open TX/RX from 26.000 Mhz to 28.000 Mhz, #35 will open 29.7 to 30 Mhz

On the schematic for the HTX-100, there are similar pins 28 and 29 on U1208
pulled up by a resistor pack to Vcc.

The Tandy model microcontroller is a surface-mount device and the pins on the chips don't bend: they SNAP. The steel used on the pins are quite different. Do not attempt to physically pull on the pins of the package.

Percy KF2AT wrote the mods for the HTX-100.
Use common sense, a grounded soldering iron, and enjoy the mods.

Adam Kb2Jpd

*Extended Frequency Coverage from 26.000 Mhz to 30.000 Mhz

_____ _____ _____ ____ _____ ___ __ _____ ___

Thanks Percy for being the first one.

Remove bottom cover. With the radio upside down and display facing you remove the synthesizer board with the four screws, this is near the front of the radio

This gives access to the small board underneath with the surface mount components on it. Locate the processor chip IC401 (UC-1208).Locate pins 28 and 29 which are on the right hand side of the chip and are 4th and 5th from the top. Note they are bridged with solder.

CAREFULLY cut the copper track NEXT to the pins. DO NOT attempt to unsolder the two pins form the board. Use a GROUNDED soldering iron. Locate the two rows of connector pins above the chip.

On the bottom row locate the last pin on the right. Verify with a VOM that this pin has + five volts. Solder a 10k (1/4 w) resistor between this pin and pins 28 and 29 on IC401.The synthesizer will now tune from 26.00 Mhz to 30 Mhz.

---

*Simple RF Wattage Enhancement to 35 Watts

With the radio in the same position as before, locate VR5 in the top left hand corner. This is the RF high power preset.

Lift and bend the wiper so that is is permanently disconnected form the track. Solder a 47k resistor (1/4 watt) between the wiper and the left hand side of the track.

This should increase the RF power output to around 35 watts but you will now not be able to trim the power output. The Low power trim will function as before.

(Continued to next message)
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1347. Re: kenwood 450SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Jim Daneke <daneke@ix.netcom.com>
Message-ID: <317D56E3.6668@ix.netcom.com>
Source record: 202245

Robert Newman wrote:
>
>
> Would anyone know where to check for why, when I press my VOX switch with nothi
> ng in my key jack, it goes to the transmit mode? When I plug my key in it s
> tarts keying like I have my key closed but I dont. Ive of course checked the
> cable for any shorts.

Check the mic connections for a short. That happened to me. Was a pain
to repair but it works fine now.

Jim KI0BB

1348. Need Recommendation on Du

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <587_9604240638@woodybbs.com>
Source record: 202246

>>Any other brand name I should look at (with better feature)? (i.e.
>>ICOM ....)

I wouldn't trade my STANDARD C558a for anything!
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1349. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <4lgcc5$qhn@nadine.teleport.com>
Source record: 202401
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

jackl@pinetree.microserve.com (WB3U) wrote:

> Grant Youngman <nq5t@gte.net> wrote:

>>Audiophiles out to tighten down their screws ... must be a lot
>>of loose ones in there. Oh well, fools and their money ....
>>
>>Personally, I won't be pleased at having to pay several
>>hundred bucks for a replacement set of 807 modulator tubes
>>for my Viking II ....

>Hi Grant,

>Perhaps you've never done an A-B test between a tube hi-fi amp and
>one using transistors? Whether it's due to the tone controls, the
>softer clipping of tubes or whatever, there is a distinct difference
>in the quality of the sound.

>On the other hand, the benefit of tubes in ham gear is much less
>tangible. Given the choice between keeping an old Viking II on the
>air or continuing to enjoy high quality audio, I know what my decision
>would be. There are cheaper ways to heat a hamshack. ;)

>73,
>Jack WB3U

In my experience (I worked for a high-end audio manufacturer for many years, and both solid state and tube equipment was produced), there are two primary EXPLAINABLE (some of this stuff is almost unquantifiable) reasons why tubes sound "better" than transistors.

The most obvious reason is that the overload characteristics and clipping are much "smoother", but I think the MAIN difference (which relates to this smoothness) is the spectral content of the distortions involved.

Due to their physical nature and construction, tubes produce predominantly EVEN harmonic content in the distortions they generate. Even harmonics are pleasing to the ear and sound "smoother".

Bipolar transistors on the other hand, produce predominantly ODD harmonics, which are atonal to the ear, and are interpreted as "harsh" by most people. So even when a circuit isn't in overload, the difference between tube and transistor is apparent.

Put these circuits side by side on an audio spectrum analyzer and you can see these spectral content differences.

Steve
WB7PSD

1350. Re: Standard C 508 A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <4lh9mq$o20@solaris.cc.vt.edu>
Source record: 202402

In article <199604221246.OAA23861@btr0x7.hrz.uni-bayreuth.de>,
a0378@freenet.uni-bayreuth.DE (Karl-Heinz Merscher) says:
>
>Hello friends:
>
>Anybody out there who runs the STANDARD baby C 508 A. Does this radio
>has a 1750 Hz tone burst for opening repeaters in good old Europe?

Yes, while holding the PTT button down, press the CALL button and a 1750
Hz tone will be sent for as long as you hold CALL down. (The tone is
not heard in the speaker). This feature is not mentioned in the manual
but appears to work the same on other Standard HT's as well (I also have
a 168 and a 178). I suspect the revised model rumored to be on the
shelves now continues to support the 1750 Hz tone, though it may not
mention it in the US version of the manual.

>How do you like this puppy?
>I read that it has a very low power consumtion, is this true?
>E. g. you can monitor a frequency with a power safe option around 3 weeks ...
>
I haven't tried that but it seems plausible. I use 850 maH NiCd batteries
and recharge them each night, it will scan and receive (power saver not
active) for much longer than all day on a full charge (maybe 20 hours).
Results with alkaline batteries would be 3 or 4 times longer at least.
The transmitter is easy on the batteries too, as I remember the spec was
300 mA while transmitting. Even if not essential for saving battery
power, it would be nice if it offered an "Extra Low" power mode because
there actually are situations where 280 mW is too much power.

-Mike KD4QDM

1351. Need: Alpha 77 Schmatic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: William Becks <wbecks@worldnet.att.net>
Message-ID: <4lhelt$c5l@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 202403

I am rebuilding an old Alpha 77 linear amplifier that was build by ETO in Florida in approx 1972. It is serial number 2006. It is one 8877 tube model. Key production points are the use of point to point wiring of the grid over-current relay and input antenna change-over relay in the bottom of the PA compartment. Later production models in the 70's used a sigle circuit board in the bottom of the PA compartment that had the above relays mounted on it along with the cathode zener diode.

I will pay for reproduction and mailing costs for a copy plus your time!

Please respond to: William G. Becks, KE8KB
E-Mail: wbecks@sun.lssu.edu

Tnx, Bill

1352. Manual for HTX-202 Radio Shack 2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <19960422.223556.14743.0.redbone@juno.com>
Source record: 202404

You can order a manual for your HTX-202 from:

National Parts
600 Tandy Technology Center
Fort Worth, Texas 76102
(800) 442-2425
FAX use: 817-870-5737

Doug
KC8CGX

1353. FT10/40 Earphone jack??????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: "Charles A. Rubenstein" <rubenc@iglou.com>
Message-ID: <DqAMEr.BpF@iglou.com>
Source record: 202405

I have a Yaesu FT40, which apparently needs some special type of plug
for the earphone jack. I dont want to use a speaker mic, just a normal
type of earphone to listen at night . Is there an earphone for it?

Charlie
KB8BWE
rubenc@iglou.com

1354. WTB> Ft-990 Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960423001518.17421B-100000@freenet2.afn.org>
Source record: 202406

Hi Tom here... I am looking for the 500hz & 2Kz filters for the
Yaesu Ft-990. If you have either or both or any other acc., that
I might be interested in; contact me via e-mail or packet. On
packet KD4QHH@K4DPZ Gainsville - Fla.

Tnx De Tom
73

1355. *NEED* Manual for Rad Shack Rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: hardie@duke.usask.ca
Message-ID: <4lhjcu$m83@tribune.usask.ca>
Source record: 202407

A friend of mine has bought a Radio Shack DX-150A receiver and would like to get a copy of the user's manual. If anyone can help out please Email me and we can arrange something.

Thanks.
Pete
ve5va.qrp@usask.ca

1356. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4lhj59$no6@miwok.nbn.com>
Source record: 202408

jackl@pinetree.microserve.com (WB3U) wrote:

>No one seems to be responding to this from a logical perspective. I
>guess some folks will support QST no matter what the breach of faith
>with the reader.
>
>73,
>Jack WB3U

THIS "breach of faith" is a juvenile figment of your overworked
imagination - do you perchance own some Eimac stock...?

Since you feel so strongly aghast at QST for their "editorial policy",
why not cancel your subscription?
--
Gary... KJ6Q...I am the NRA

1357. Re: Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lhr75$rlt@crash.microserve.net>
Source record: 202409

subich@ramlink.net (Joe Subich) wrote:

>However, any problem (including TVI, folks) will likely cause
>complete signal/picture loss.

Hi Joe,

I know what you probably meant by this, but not all readers will. When signal integrity is lost, the video "freezes" until the data stream is recaptured. During this interval, audio is muted.

Incidentally, I had a chance to witness a live HDTV broadcast on 2.5 GHz a few years ago at a Wireless Cable convention. The carrier to noise ratio of the received signal was terrible, but picture quality was truly superb. This despite the fact that a single 6 MHz cahnnel was being used to carry four separate programs!

73,
Jack WB3U

1358. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <4lhoa6$7ck@ram2.ramlink.net>
Source record: 202410

In message <4lgbsm$g9e@newsbf02.news.aol.com> - w8jitom@aol.com (W8JI Tom)22 Apr 1996 12:24:54 -0400 writes:
:>
:>I have not seen the article Joe. Do they regulate thee screen and grid
:>bias? How do they drive the tubes, cathode or grid? Do they monitor the
:>screen current and protect it?
:>

Tom, the screen and grid are both regulated supplies. The screen at about 350 volts with voltage foldback as the current increases (to prevent the screen from dissipating excess power). The grid is also regulated (zener diode).

The tube is grid drive with an untuned resistive termination (50 Ohms with a slight inductance by using a mix of non-inductive and wire wound resistors).

While I now have a spare pair of 8875s for my MLA-2500, I think I blew one of my "good" tubes in the old HF mailforwarding days (haven't had a chance to work with it since moving) so I'm looking at the 4CX800A retrofit as a bit of future protection.

:>By the way, thank you for the direct reply to my question. I suspected
:>there was a bit of "marketing" involved in the article.

W6TC was marketing manager for Eimac for many years before retiring in approximately 1990. He joined Svetlana, USA shortly after that as VP of marketing. I just saw him again last week at the NAB convention in Las Vegas. Svetlana are introducing some interesting products for the broadcast field (including a multi-beam Inductive Output Tube class device for UHF TV (HDTV) service).

:>Doesn't QST watch for that?

I would have expected the editors at QST to have pulled the last two paragraphs of George's article. In my opinion, they were not called for, supported by the facts, or justified in what was, otherwise, generally an interesting history of the high power vacuum tube in amateur radio.

--
73,
... Joe Subich, AD8I
(subich@ramlink.net)

1359. What does the HTX-202 "S meter" actually indicate?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-23 00:00:00 UTC
From: teacherjh@aol.com
Message-ID: <4li66m$935@newsbf02.news.aol.com>
Source record: 202411

When one transmits on the RS HTX-202, a meter "lights up" indicating (presumably) the transmit power... At low power, it indicates (usually) 3 or so, at high (battery) power it usually hovers around five to seven, and at full (car battery) high power, it indicates 9+.

However, it varies depending on position, antenna, whim, etc. What is it =actually= indicating on transmit, and in what units? Forward power? Reverse power? SWR? Battery temperature?

Same question on recieve.

Thanks for any information in advance. :)

Jose KD1SB

1360. WTB / Finals Unit Board for TS930SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Saad Mahaini <5606939@MCImail.com>
Message-ID: <4lls3s$eji@news.internetmci.com>
Source record: 202162

Please send me direct email with condition and asking price,
if you have a surplus operational Finals board for the Knwd
TS930 radio.

Tnx, Saad

1361. Re: Need opinion on Icom 2000H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: lion@tigger.jvnc.net
Message-ID: <DqDq8o.AIK@tigger.jvnc.net>
Source record: 202163

Mike:
I own an IC-2000H and am very pleased with it. If you want to wire it
up for packet, you will have to get your hands on an RJ-45 connector. I
found that I could use a good quality network patch cable (10Base-T) available
for about $10 from just about and computer store or catalog. This gives you
a 10' cable with two ends on it. Cut it in half, and you have 2 5' cables
that you can cobble up any way you need. I use one for an extension in my
car when I work special events. I also know of at least one person using
the 2000 for packet at 1200baud, so I know it works. Good luck, and have fun.

73 de Kelly
kdl@lion.com

1362. Want to Buy Kenwood IF-10C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: garyzab9@tcd.NET
Message-ID: <317E8889.4D1A@tcd.net>
Source record: 202164

I am desperately looking for a Kenwood IF-10C for use with my Kenwood Ts-140S. I would like to use computer control of functions in the radio.

A gentlemen in Canada was going to send one to me to look at but I have not heard back from him. I wish Kenwood would produce a final run of these devices. I think I read elsewhere on this newgroup that there isn't anything fancy to what is needed, just a couple of chips? Is there a specific circuit board that goes in the radio, or just the chips? Does someone have the manual &/or schematic for the IF-10C that would be willing to send or fax me a copy? Please reply directly to me via my e-mail address which is: garyzab9@tcd.net

Thank you.

Gary Zabriskie, N7ARE
St. George, Utah (Utah's Dixie)

1363. Re: TS-870 given Bad Report in Rad.Com review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: John M Sonley <john@jmsknars.demon.co.uk>
Message-ID: <z$x09DANhlfxEwwQ@jmsknars.demon.co.uk>
Source record: 202165

>
>>
>>Has anyone out there any experiences with this transceiver that can help
>>me in deciding whether to buy or not
>>
>
>There's a good war being waged right now between the Kenwood 870, Yaesu
>FT-1000MP and the ICOM 775. I've yet to talk to anybody with these radios
>who's regretted their decision.

Thanks for your reply Jim

You are right, I am looking at all 3 rigs and am undecided which to
choose - - having now owned the 870 which would you choose now with
hindsight?

73

John G3XZV
--
John M Sonley

1364. Wanted: Icom IC Z1A and IC W31A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: mmathis@xnet.com
Message-ID: <4lm1h2$nnd@flood.xnet.com>
Source record: 202166

Can anyone give me pointers to any mods for these models? I am interested in CAPS and MARS mods. Thanks.

Michael A. Mathis
mmathis@xnet.com
312 650 3921 pager

1365. Re: FS: Heath SB-640 remote VFO for SB-101 and SB-102

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lm6su$bl1@crash.microserve.net>
Source record: 202167
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

QRP%mimi@magic.itg.ti.com (D.W.Hemphill KC5NG) wrote:

>FOR SALE: - a rare item -
>Heathkit SB-640 remote VFO (really a LMO).
>Matches SB-101 and SB-102 transceivers.
>Fresh alignment, tubes checked good.

Isn't the remote VFO for the SB-102 solid-state?

73,
Jack WB3U

1366. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lm689$bl1@crash.microserve.net>
Source record: 202168

"Anthony R. Gold" <tgold@microvst.demon.co.uk> wrote:
> jackl@pinetree.microserve.com "WB3U" writes:

>>Contrary to your statement, the tube amplifier produces less
>>odd-harmonic distortion when driven into clipping, in turn creating
>>a more "natural" sound.

>How does this work, Jack? What is the effect of clipping, when
>viewed in the frequency domain, if it is *not* the creation of
>odd-order overtones?

I'm not sure I have a full explanation, but the clipped waveform at
the output of a tube-type audio amplifier is noticeably more rounded.
The leading and trailing edges are also not nearly as sharp-cornered.
By comparison, the clipped output of a solid-state amplifier looks
like a near-perfect square wave.

As pointed out by someone else, this is in addition to the fact that
harmonic distortion within the tube audio amplifier (when it is
operated below clipping) contains fewer odd-order products.

73,
Jack WB3U

1367. Wanted: Icom IC Z1A and IC W31A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: mmathis@xnet.com
Message-ID: <4lm3u2$ra4@flood.xnet.com>
Source record: 202169

Can anyone give me pointers to any mods for these models? I am interested
in CAPS and MARS mods. Thanks.

Michael A. Mathis
mmathis@xnet.com
312 650 3921 pager

1368. Re: Yaesu Mil Spec 810?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4lm71m$296e@mule2.mindspring.com>
Source record: 202170

From the FT-10/40/50 brochure:
"The FT-50/10/40R HT's have all achieved a MIL-STD 810 Rating. Built to rigid commercial-grade radio standards, these handhelds are desgined to withstand the rigors of shock, vibration, and the corrosive action of dust and moisture."

For what it's worth... Don (KE4KYO)

Bill Crocker <billc@mail.rust.net> wrote:

>Nick J Chiarchiaro, AET /N2QXF wrote:
>>
>> Hi name is Nick and I am curious.
>>
>> Yaesu claims there radios are mil spec 810 rated. GREAT !
>>
>> But, are they C, D or E?
>>
>> If I recall straight 810 is just shock and vibration. C-E is for
>> rain, dust salt fog etc.
>>
>> Anyone know the extennt of the rating?

>Nick:

>From the way their ad's read, it's moisture.

>Bill Crocker

1369. Re: Which ufh HT with "DPL" ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <317E8276.6C7@mail.rust.net>
Source record: 202171

Dave Fortenberry wrote:
>
> I keep hearing that there is one or more new ham rigs out there that have
> "DPL", or Digitally Coded Squelch that is compatible with the commercial
> digital signalling fornat. Any ideas on which ones have it?
>
> Thanks in advance,
> Dave Fortenberry 8-)

I know the Yaesu FT-50R Dual-Band HT had it!

Bill Crocker

1370. Eartalk speaker mics for HT's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: hberg@uiuc.edu
Message-ID: <4lm67h$839@vixen.cso.uiuc.edu>
Source record: 202172

I'm interested in obtaining an external mic for my HT, and I'm seriously considering an ear mic. There was an ad in the latest issue of CQ magazine by a company called Genesys. They manufacture two of these ear mics, the CT-221E Enhanced EARTALK mic, and a new product, the ET-MARKII Next Generation EARTALK mic. Has anyone had any experience with either of these products - pro or con? Thanks.

Steve Hilberg * /==
hberg@uiuc.edu * * x
N9XDC *
"Some people are weatherwise but
most are otherwise."

1371. Wanted: Mods for ICOM T21

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <317ea933.6341551@news.cais.com>
Source record: 202173

Would very much appreciate someone posting the TX/RX Expansion mods
for the Icom T21 handhels.

Thanks!

Gene / KG7XD

1372. Re: ICOM 706 MODS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Randall Rhea <randall@informix.com>
Message-ID: <317EA72C.75B1@informix.com>
Source record: 202174

Richard R. Fasi wrote:
>
> Roberto,
> Try ftp to oak.oakland.edu their radio mods on the 706 are up to date
> 73 de Dick KM6PA

There are two mods in these files: the HF transmit mod and the
yellow wire receive mod. Are there any others?
--
==========
Randall Rhea randall@informix.com
Informix Software, Inc. Sr. Systems Engineer

1373. HQ180A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: albornoz@ing.ula.ve
Message-ID: <4lma0a$omv@mozart.ing.ula.ve>
Source record: 202175

WANTED : Manuals for Hammarlund HQ180A receiver. Willing to
pay for copies. Please e-mail

1374. Battery/charger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4lmc0k$s7t@itnews.sc.intel.com>
Source record: 202176

The Ameritron Mobile Amplifier, the ALS-500M, requires 80 amps peak current. Can I parallel a big battery and a 13.8v/20a supply and get away with it? How about a standard battery charger in parallel with the battery during operation. This is for fixed operation.

thanks and 73, Cecil, KG7BK, OOTC (not speaking for my employer)

1375. Conv. MOTO. Radius 4 cha to 16!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <317d7f69.2624810@nntp.kaiwan.com>
Source record: 202177

Deep dark secret!

MOTOROLA RADIUS GP-300 SERIES

1. READ a 16 channel Radius GP-300 into the program/memory
(requires standard black box and rib).

2. Remove the 16 channel radio and install the Target 4 channel Radius
onto the rib).

3. WRITE the 16 channel data into the 4 channel memory!

4. Reprogram your 16 new (if desired) channels into the GP-300.

6. Move the Channel Selector knob to clear the 4 channel mechanical
stop.

6. Order new 16 channel plate and enjoy!

I've done this mod to 4 UHF GP-300's with 100% success! I have NOT
tried this method with a VHF GP-300. DON'T expect to move a VHF
Radius to UHF, or UHF to VHF. That is out of the question.

Tony
WA6IGJ

1376. Re: HTX202 low audio with speaker/mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: charnoft@wfu.edu
Message-ID: <4llt8j$r05@eis.wfunet.wfu.edu>
Source record: 202178

Bob Boardman (boardman@cobra.unm.edu) wrote:
:
: I'm sure I saw a reference to a fix for this problem, but I haven't
: been able to locate it via any of the www search engines. A friend has
: an HTX202 that he uses with the remote speaker/mic, and even though his
: signal is S9, the audio is very low. I hope that someone can point me
: to a fix for his problem.
:

See the fllowing website:

http://ourworld.compuserve.com/homepages/wa3rvt/htx202.htm

****
Olin Physical Lab Wake Forest University Winston-Salem, NC
http://www.wfu.edu/~charnoft KE4RJG
* * * * *
All science is either physics or stamp collecting. --Ernest Rutherford

1377. Re: Motorola UHF Radius to 440?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <317dade5.13349026@nntp.kaiwan.com>
Source record: 202179

If you missed it:

The GP300 Brochure says the following

VHF Model
Frequencies: 136-162, 164-174 MHz
Frequency Seperation: 26, 28 MHz
Chanel Capacity: 2,8,16
RF Output: High 5W and Low1W

UHF Model
Frequencies: 403-433, 438-470, 465-495, 490-520 MHz
Frequency Seperation: 30, 32 MHz
Chanel Capacity: 2,8,16
RF Output: High 4W and Low1W

Jeff Blugrind
Dance Connection Entertainment

Tony
WA6IGJ
--++--

On 22 Apr 1996 04:06:44 GMT, mbrinkho@falcon.inetnebr.com (Matt C.
Brinkhoff) wrote:

>I have a UHF Radius (PN: D44LRA7PA5CK) I would like to move to the Amateur
>440 band. Is it possible to program the new freqs in w/o doing any tuning?
>
>Has anyone done it before?
>
>Thanks.
>
>--
>Matt C. Brinkhoff, KB0RXC
>mbrinkho@inetnebr.com
>http://incolor.inetnebr.com/mbrinkho
>Lincoln, Nebraska [EN10]

1378. Compare Rig Prices TODAY @ http://www.csz.com/sarrio.html

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-2404962319090001@host60.cyberg8t.com>
Source record: 202180

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html.

This new classified section will allow Hams to search for equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear your interested in, each listing comes with point-and-click e-mail access, direct to the Ham that listed the item.

For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting will go on-line, in our classified search engine, immediately. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line within 1 hour. I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

1379. Motorola HT90 UHF Conversion - Practical???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: rossanalytical@cybergate.net
Message-ID: <4lmgqc$kd2@galaxy.cybergate.net>
Source record: 202181

I bought a Motorola HT90 Handheld UHF radio and charger at a hamfest recently. I obtained the service manual for it with schematics, crystal freq. equations, and tuning procedures.

It will require equiptment that I do not currently own to perform the tuning as described in the manual. Is there any place that will recrystal and tune this radio down to an amateur freqency for a reasonable cost?

Thanks

Dwight R. Hayes, Jr.
KB8SEG
dhayes@cyberdrive.net

1380. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: LLEDLOW <LLEDLOW@mailgw.sanders.lockheed.com>
Message-ID: <4lmee0$s3b@news.sanders.lockheed.com>
Source record: 202182
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

I've used both the FT-736 and TS-790. I own the latter. Ergonomically
it can be a bit difficult to get used to, but it's a good rig. The
FT-736 is very goo, too, and perhaps easier to learn to use. Trouble is,
it's more expensive.

73,

Larry/NA5E

1381. NW Jersey Hamfest 4/28

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Bill Lupo <bill@nji.com>
Message-ID: <317E329E.6F8A@nji.com>
Source record: 202183
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

The First Annual NW Jersey Hamfest will be held on Sunday April 28,1996 at the Budd Lake Fire House on Rt 46 Budd Lake NJ (3 1/2 miles off of Route 80) Opens to Sellers at 6 am and 8:30 am to Buyers. There will be Door prizes, Refreshments , Vendors, including KJI Electronics and Radio Shack with special hamfest pricing ! Tables are $20 which includes 1 free admission. General Admission is $6 , children under 12 are free. For information call Bill WR2M at 201-584-6550 days , or 201-770-0242 eves and weekends.

73 De Bill WR2M

1382. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: wargocki@ultranet.com
Message-ID: <4lrkks$na4@decius.ultra.net>
Source record: 202184

In article <4lrdan$3n0@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) wrote:

>Do you know if there were any differences between the late model E
>and the F versions other than the model number?
>
>73,
>Jack WB3U

No, there weren't. I had forgotten about the EX model which is the one
without 160m and the upper 10m segments.

1383. Hy-gain DX88 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Asmartuser <mcimato@snefru.comm2000.it>
Message-ID: <317EBDBF.6486@snefru.comm2000.it>
Source record: 202185
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Anyone can tell me experiencies with this kind of antenna?
What about the expansion kit for 160 m.?

Any suggestion will be appreciated.

73,
IZ2ADI, Maurizio

1384. Re: IC-970 is it good ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4lkahm$kdt@miwok.nbn.com>
Source record: 202247
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

GARY, I've *GOTTA* tell you, you have the best all around knowledge and helpful nature I have seen on these much abused newsgroups. I don't know how you find the time to put in appearances here on the 'net, and still support yourself, but I am certain I am only one of *MANY* who are glad you DO! Keep up the good work.

Cheers, and 73.

--
Gary... KJ6Q...I am the NRA

1385. Re: Ameco 2/6 mtr converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: 73700.12@compuserve.com
Message-ID: <4lk1vd$kkv@arl-news-svc-4.compuserve.com>
Source record: 202248

In message <3179053C.60C4@ix.netcom.com> - Tom Dengler <tdengler@ix.netcom.com>
writes:
:>
:>My brother asked me to post this 'out there':
:>He bought (hamfest) an Ameco model CB-2 and CB-6 converter and
:>would like to know if anyone is familiar with these converters
:>and how they should be hooked up/tuned.
:>
:>tdengler@ix.netcom.com

The only thing *I* can tell you about them is that they are RX converters to be used with older (tube type) Hf rigs. They were designed to work with the HF rig set on 14 Mhz (20M).The CB-6 (I actually have one of these, but I've never used it. I have an HA-6 transverter) uses a 36 Mhz crystal in the socket. The tubes are (I believe) 6 volt filaments, but I don't know what the plate voltage is supposed to be.

Maybe someone else could give both of us some further information.

Good luck.

Jim Nuytens N3JJA/Delaware Email:
V.P., Delaware Repeater Association 73700.12 @ compuserve.com
Seitz Technical Products Jim @ Seitz.com

Delaware Ham Shack BBS 302-798-2002

All opinions stated above are my own, which probably accounts for their unpopularity.

1386. Re: TEN-TEC Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: ke4nrl@vulcan.com
Message-ID: <8BF4067.00160055AF.uuout@vulcan.com>
Source record: 202249

Reid
I'm interested in the TenTec six meter transverter. Have you had good
success with it?? Is it hard to assemble??
73
Gilbert KE4NRL@vulcan.com or/& KE4NRL@AOL.com

1387. Bendix King Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Jimmy Hall <kj5qn@clandjop.com>
Message-ID: <317E068C.74E8@clandjop.com>
Source record: 202250

Hello All,
I have a Bendix King VHF type radio and wanted to re-program it
to work in the 2 meter Ham Bands. I was looking for the computer
program that would let me do this?? I have heard it is called
"Ham&eggs" or something like that??

Thanks in Advance
Jimmy KJ5QN

1388. Re: ICOM IC-706 75/80-mtr problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <317ECFF9.214E@magic.itg.ti.com>
Source record: 202251

Gary Coffman wrote:
>

> Have you checked quick set mode Q1? This allows you to set the power
> output to any value between 5 watts and 100 watts. This setting applies
> on a *band by band* basis. Make sure it is set to 'H' on each band.
>
> Gary
>

Excellent tip, Gary. I have the 706 and didnt know the
power setting was independent by band. Guess it seems
obvious now that you said it is a software driven function.

Thanks!
Joe

1389. Differences bet. FT-51R and IC-W31A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: nmaddix@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <4lk0ib$1sg@usenet.rpi.edu>
Source record: 202252

I think I've narrowed my search for a dual band HT down to the Icom IC-W31A and the Yaesu FT-51R. I like the backlit keypads a lot. Anyone have any opinions on these radios? Experience? I need out-of band transmit on 2m for UHF/SHF transverter use, but I don't see a mod for the Icom...

Thanks and 73,
Nick N1IHA

--
Nick Maddix maddin@rpi.edu http://fuzzball.stu.rpi.edu/~nmaddix
Person. Mostly harmless. Amateur radio: N1IHA
Computer and Systems Engineering Rensselaer Polytechnic Institute
"Keyboard error: keyboard not installed. Press F1 to continue."

1390. FS: Heath SB-640 remote VFO for SB-101 and SB-102

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4ll756$g65@mksrv1.dseg.ti.com>
Source record: 202253
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

FOR SALE: - a rare item -
Heathkit SB-640 remote VFO (really a LMO).
Matches SB-101 and SB-102 transceivers.
Fresh alignment, tubes checked good.
Really nice condition, no modifications.
With connecting cable and copy of manual.
The price: $75, buyer pays shipping.

E-mail me if you're interested in buying!
I'll be out of town April 25 through 28,
so I'll return any e-mail correspondence
on April 29 when I get back to work.

Thanks and 73,
Dean Hemphill, KC5NG
Lake Dallas, Texas

1391. Re: Viking Ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: "Kenneth D. Grimm" <grimm@alison.sbc.edu>
Message-ID: <317E1F2B.4346@alison.sbc.edu>
Source record: 202254

Bob Ludlum wrote:
>
> Would someone venture a guess as to a fair selling price for an
> operational Johnson Viking Ranger transmitter?
>
> Bob K4LXA

Between $100 and $275, depending on condition.

73,
Ken
--

Kenneth D. Grimm K4XL
grimm@alison.sbc.edu

1392. Re: Need opinion on Icom 2000H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4ll8ul$cs0@dawn.mmm.com>
Source record: 202255

Mike - KB9LPJ <imrikfam@win.bright.net> wrote:

> Hi.. I am wondering if anyone out there who
>has an Icom IC-2000H could help me out. I am
>wondering how you like it?? How does it preform
>on voice?? Is it ok on Packet?? Is it a reliable
>rig all around?? Please give me your opinion.
>I have the need for a radio with high power to
>hit distant repeaters (70 Miles)and I need a
>radio that I can hook up and un-hook up for
>packet easily. Later I would like to go mobile
>with it (When I get a Drivers License). I think
>the IC-2000H would fit my needs. Please give me
>your opinion. TNX Mike

>73's >> Mike de KB9LPJ
>
>ax.25 --> KB9LPJ@KB9AMY.#NOWI.WI.USA.NA
>Internet --> imrickfam@win.bright.net
>TCP/IP --> [44.92.33.1]

> _____________________________________
>|Earth Day is a wonderful day... |
>|the day when all people around the globe |
>|worship dirt!! |
> _____________________________________

I've owned a 2000H for about three months now and so far,...so good.
I haven't bothered to use it on packet as:

1) I already have a rig (AZDEN PCS-4000) on packet.

2) Its got that funky RJ-11 style mic connector that I'm not gonna
mess with.

Seems to be a pretty good rig on voice with fair intermod rejection.
Like any of the new rigs with a gazillion features and half a dozen
buttons, everytime you want to program in a new freq, tone, offset,
etc., its time to pull out the manual. Certainly not the thing to try
while mobile in motion! I've got three 2 Meter rigs and one
dualbander and none of them work the same way. Have fun Mike!

Opinions expressed herein are my own and may not represent those of my employer.

1393. 400Mhz Oscillator + Mixer. Help?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: mat@shallot.demon.co.uk
Message-ID: <4llaim$1eh@shallot.demon.co.uk>
Source record: 202256

Ok, this is homemade stuff...

I have a signal at about 144Mhz (very low power) and want to mix this with 300 odd Mhz to put it in the 400Mhz band.

300 Mhz Local Oscillator (running off a 9.1v zenor) is an LC type circuit. If you have G.R.Jessop's VHF-UHF manual it's on page 4.17. I know the oscillator is running, I can pick it up on a reciever.

This then mixes with the input signal using a "simple diode mixer" (page 4.24 top left) Basically this is 2 capacitors (100pf) joing the 2 signals into a diode.

The problem is simple. It doesn't work! :)

It this type of mixer a good idea? (I don't want to get into cavitys and complicated stuff) But perhaps something FET/Transistor based??

What kind of screening do I need between the oscillator and the mixer? presumably lots?

I do not know an awfull lot about rf electronics (I am building this for a friend)

If you can suggest any improvements in the circuit or point me towards a better circuit or book then I would be most gratefull.

Thanks,
Mat

1394. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: Mark Pettigrew <m.w.pettigrew@shu.ac.uk>
Message-ID: <317E9D3A.40E7@shu.ac.uk>
Source record: 202257
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Steven B. Bryant wrote:

> I am wondering why I need to ground my radio and power supply using a
> separate ground wire instead of using the the ground normally provided by
> a 3-plug AC connector? Wouldn't a separate ground create a ground
> referencing problem? I'm looking to understand what I need to do when I
> purchase my Power Supply this week and install my system over the weekend.
>
> I will be using an IC 730 with the IC-PS15 Power Supply. Any help you
> can provide will be greatly appreciated.

There are a number of reasons for a separate ground. Someone will no doubt fill you in with more than this, but here are a couple:

First, you need as low an impedance to earth as possible and as short a path as possible for the antenna. The ground with your mains supply could have quite a highish impedance to earth, and the wire distance between your set and earth could be quite long. So it's worth putting your own good ground in.

Second, using the mains earth as your RF ground means that you risk injecting RF into the mains. This could (will?) cause TVI. You can put a filter in (for example, several turns of the earth wire round a suitable ferrite toroid) between the set and the mains earth, but then you don't have an RF ground any more for the antenna.

It's worth having a look at the section on grounds in a number of books. I like the section in the RSGB's Handbook, but I am sure there are others.

What I have is a separate RF ground of four 1.5 metre copper pipes connected together and to the set by a thick (10 sq millimetres) insulated copper wire. Where the RF ground enters the house, it's connected as well to the mains earth via about 5 turns each on four ferrite toroids. This link prevents RF injection into the mains, but makes sure that my set is grounded to the mains earth. There is no direct connection between the rig and the mains earth apart from this.

Mark
G0WLR

(Any advice given here is worth what you paid for it. Please check with other sources before taking my advice.)

1395. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: burch@netline.net
Message-ID: <4llh80$oi1@tesla.netline.net>
Source record: 202258

Cecil Moore <kg7bk@primenet.com> wrote:

>Hi Burch, wonder how you would feel if each for sale posting cost
>you ten bucks? The total cost for these for sale postings runs into
>thousands of dollars, if not hundreds of thousands of dollars. I
>don't like paying for them, thank you, and yet I am forced to do
>so if I am to read this newsgroup. Why can't you and your kind simply
>follow the newsgroup guidelines????

First of all, if you pay $10 for each for sale posting, you need to get another internet provider because you are getting ripped off.. As for your comment about "you and your kind", I don't post for sale items on this newsgroup. I was just simply stating that some people don't have access to ALL the usenet newgroups. If you are paying $10 a post I sure hope you are getting ALL of the usenet groups!! I don't understand why people like you want to flame people for simple making a comment?! My original message was not intended to be "flame bait." Most people don't have a clue about how newgroups are distributed throughout the internet and this is definately not the place to discuss it.

1396. Re: Viking Ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DqDGq8.FAt@iglou.com>
Source record: 202259

Ken ...The days of $100 Rangers are ancient history unless you find someone who doesn't know what's going on! What is fair? There is no fairness in the antique business.

Kenneth D. Grimm (grimm@alison.sbc.edu) wrote:
: Bob Ludlum wrote:
: >
: > Would someone venture a guess as to a fair selling price for an
: > operational Johnson Viking Ranger transmitter?
: >
: > Bob K4LXA

: Between $100 and $275, depending on condition.

: 73,
: Ken
: --
: _____

: Kenneth D. Grimm K4XL
: grimm@alison.sbc.edu
: _____

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1397. Re: FT-900 vs IC706 which is better?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4lllv1$3dp@solaris.cc.vt.edu>
Source record: 202260

I have owned an IC 706 and own a FT 900. They were compared side by side. The FT 900 wins hands down. It has a very good receiver and does not suffer from IMD and overload like the 706 does. In addition the IC 706 CW filters are the worst I have ever experienced in a radio of that price range. The blowby is terrible. The menu system is good but awkward to use unless your use of the radio is casual at best. The ergonomics of the FT 900 are very good. You have a full range of connectors and ports on the FT 900 which you do not on the 706 due to its size. The 706 is a fun radio but I would not choose it for anything other than very casual operation on HF. Finally, I found its six meter recieve to lack sensitivity and this was problematic enough for me to determine that it would not be good for dx'ing on six. The 706 is fun radio and would be great for portable or causual operating -- that is my bottom line.

Greg KN4FR

1398. Yaesu FT-290R/II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-24 00:00:00 UTC
From: wb5rue@amsat.ORG
Message-ID: <01I3X44LFKFO001XBT@ARWEN.UTHSCSA.EDU>
Source record: 202261

I have a Yaesu FT-290R Mark II. Is there any way
to disable the DTMF pad so that the mic is not
automatically keyed when you bump one of the buttons?

Thanks
Kevin, WB5RUE
wb5rue@amsat.org
muenzlerk@uthscsa.edu

1399. Want Mods for the Alinco DR-610T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: "Steve Fuller, KB5FIP" <rswb30@email.sps.mot.com>
Message-ID: <317FA402.1F22@email.sps.mot.com>
Source record: 202062
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Does anyone know what the mods are for the Alinco DR-610T?

Steve Fuller
KB5FIP
email address: rswb30@email.sps.mot.com
Bus. phone: 512-891-3333
home phone: 512-328-0309

1400. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4loadg$bmu@newsbf02.news.aol.com>
Source record: 202063

In article <4ln7jp$21c@unet.net.com>, larson@net.com (Alan Larson) writes:

> Your connection connects extra grounding electrodes to the wiring
>of the house. The FAQ is written for North America (U.S. and Canada),
>but I would suspect that multiple ground (earth) connections is
>inappropriate for good reason. Your connection through a toroid
>is a fairly direct connection at power line frequency.
>
> Alan

There isn't any harm in adding additional grounding electrodes or systems. The harmful situation is having independent grounds connected to different points in the house. What you want to avoid are ground loops through the house wiring.

Ideally, all wiring should enter and leave the house at one point, and all outside grounds should connect at that same point. What this does is prevent ground loops and improve the ground connection.

73 Tom

1401. Icom PS-35 pwr supply for portable use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4lo9qv$9cq@solaris.cc.vt.edu>
Source record: 202064

Has anyone used the Icom PS-35 switching power supply (which serves as an internal 13.8 volt pwr unit for the IC 745, 751 and 751a) as a separate power supply for portable use? It seems ideal for that purpose. Since, I have not actually seen one, can anyone tell me what modifications are required for this purpose. Please respond to me at my E-mail address (Buhyoff@vt.edu). Thanks much.
73, Greg KN4FR

1402. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr25.143831.5132@ke4zv.atl.ga.us>
Source record: 202065
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4ln7jp$21c@unet.net.com> larson@net.com (Alan Larson) writes:
>In article <317E9D3A.40E7@shu.ac.uk> Mark Pettigrew <m.w.pettigrew@shu.ac.uk> writes:
>
>>What I have is a separate RF ground of four 1.5 metre copper pipes
>>connected together and to the set by a thick (10 sq millimetres)
>>insulated copper wire. Where the RF ground enters the house, it's
>>connected as well to the mains earth via about 5 turns each on four
>>ferrite toroids. This link prevents RF injection into the mains, but
>>makes sure that my set is grounded to the mains earth. There is no direct
>>connection between the rig and the mains earth apart from this.
>
>
> While this may be the thing to do in the U.K., I would recommend
>against it. From the wiring faq (misc.consumers.house, sci.answers,
>news.answers, and other places):
>
> Furthermore, there should only be one grounding system in
> a home. Some codes require more than one grounding electrode.
> These will be connected together, or connected to the neutral
> at a common point - still one grounding system. Adding additional
> grounding electrodes connected to other portions of the house
> wiring is unsafe and contrary to code.
>
>
> Your connection connects extra grounding electrodes to the wiring
>of the house. The FAQ is written for North America (U.S. and Canada),
>but I would suspect that multiple ground (earth) connections is
>inappropriate for good reason. Your connection through a toroid
>is a fairly direct connection at power line frequency.
>
> Alan

This section of the FAQ is worded so as to be misleading at best.
Article 250 of the NEC is the controlling text in the US. It requires
that all Earthed electrodes be tied together, that includes any made
electrodes (ground rods), any metallic water piping systems, any structural
steel, any Ufer grounds (rebar in concrete), etc, and defines that
interconnected system as a single grounding system.

Article 250 only requires a single point connection for *neutral*, however,
and not for Earthed electrodes in general. The single point for neutral must
be in the distribution box. Other Earth connections can be interconnected via
the 3rd wire safety (green) conductor in the electrical wiring, by metallic
raceways, by bonding straps installed in convienent locations, etc. In fact

it is impossible to single point structural steel Earth connections since each vertical support represents a separate connection to Earth, but all of them are bonded together by the horizontal members in a complex lattice rather than a star.

250-21 allows exceptions to prevent objectionable currents on the grounding system. The toroid mentioned above is a permissable method of preventing objectionable RF currents from flowing over parts of the grounding system.

Now despite the NEC's permission to install a system this way, I would strongly encourage a single point be established for the ham station so as to short circuit any circulating ground system currents that may use any of the station equipment as a common path. This is what a ground window does, and I've expounded on that topic frequently here.

This does *not* mean, however, that all Earthed electrodes for the entire house have to be brought together at only one single point. That may be desirable in some cases, but it isn't required, and can be *undesirable* or impossible under some circumstances. Usually, a number of single points (ground windows) should be established near groups of equipment used together. And these single points can then be tied together in any convienent manner to form the total grounding system.

Gary
(Georgia Licensed Electrical Contractor)
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1403. Saturn 6 tuning - HELP!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: darryl.linkow@grinder.com
Message-ID: <8BF5277.01A6001661.uuout@grinder.com>
Source record: 202066

Hello all and thanks for reading this. I just acquired an old Saturn 6 antenna and am having a difficult time getting the SWR down below 2.5 to 1. I am using the MFJ-259 analyzer. I am just curious if perhaps part of the antenna is missing? There are two screws attached to a piece of phenolic board. I have attached the shield and center conductor of some RG-58 coax to these screws as the feedpoint. I am just curious if perhaps there is a tuning device (other than the capacitor plate adjustment) or a balun that should be connected to these screws on the phenolic board that might be missing? Also, might anyone have an instruction sheet or manual that came with the antenna that I might get a copy of? Any help would be appreciated.
73, Darryl KE6IHA

---
* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PDT

1404. Re: FS: Heath SB-640 remote VFO for SB-101 and SB-102

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Chuck Penson <penson@sci.mus.mn.us>
Message-ID: <317FCB0B.719D@sci.mus.mn.us>
Source record: 202067
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

> >Isn't the remote VFO for the SB-102 solid-state?
> >

No. It is based on the SB-101 VFO.

--
Chuck Penson
Education Division
Science Museum of Minnesota

penson@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
http://comped.sci.mus.mn.us

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

1405. Seeking Dead Yaesu FNB-31 Battery

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: sgw@bigsur.eng.sun.com
Message-ID: <4log78$b3u@engnews1.Eng.Sun.COM>
Source record: 202068
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.swap

I am looking for a dead FNB31 battery for a Yease FT-51R. I am willing to pay for the shipping and give the person a few dollars for the trouble of packing it up. I want to use it as a dummy battery in the PA10 Mobile Charger, it will just be conducting the 12V DC for me.

Also if anyone has any info on a "Ear Mike" I would be very inerested in hearing about them. I need one for noisy conditions (convertable car).

Drop me an email and we can work out the details.

Saul Wold
KF6CYE

1406. Baycom and macintosh

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: fbonnet@babel.asi.fr
Message-ID: <4lok8k$bpa@s2.asi.fr>
Source record: 202069

Hi, I would like to know if its possible to connect a baycom on a
macintosh powerbook 5300 ?
Is there any program to run it under MAC OS.

Is there any program for 'real' tnc ???

Thanks
73 de Francois F1ITT

1407. Mods for TH-415 !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: fbonnet@babel.asi.fr
Message-ID: <4lok8m$bpa@s2.asi.fr>
Source record: 202070

I would like to find mods for an old TH-415 HT from Kenwood...

And how is it possible to use it in 9600 bds mode ?

73 de Francois F1ITT.

1408. Do I need an amplified mic?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: ekv@panix.com
Message-ID: <4lohs4$310@panix.com>
Source record: 202071

Hi,
I have a TS-830S and am currently using a RS mobile mic on it.
It seems to work good. I have the mic gain and compression settings on
the rig.
What advantages are there to using a base type microphone with an amplifier
in it? Do I really need one? Will it improve my transmissions?

Thanks for your reply
73 de KB2VTN

--
Elmar Vaher **********----------**********
ekv@panix.com

1409. Re: intermod vs overload

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <4lobmd$fan@news.jf.intel.com>
Source record: 202072
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4lg5h8$sm7@newsreader.wustl.edu>,
Gary Ross Hoffman <gary@carcs3> wrote:
>Can someone explain the difference between "intermod" and
>"front end overload"?
>Thanks

I'm surprised that no one has followed up on this simple yet
pointed question. Many hams talk about intermod yet I suspect
that few know what the term really means.
Maybe its in the wrong newsgroup. *rec.radio.amateur.misc*
seems to mostly contain followups to Burt, code debates, FM-25
testimonials, and attacks/defense of ham radio in general.
I will crosspost this to *rec.radio.amateur.equipment* and
route followups to that group which is closest to the technical
segment of ham radio, apparently a declining vestage.

Its been said that the best way to extract correct information
from the Net is to first post incorrect information, so here
goes:

Front End Overload occurs when a nearby strong signal drives one
or more of the active devices in the initial RF circuits of a
receiver into their non-linear regions. This may create
additional products due to the mixing action of the non-linear
device. The result may be spurious signals all over the band.
In other cases it may cause the receiver to become deaf to weak
signals because the active device has been shifted out of the
weak signal region.

Intermod, or Intermodulation occurs when a strong signal that
is not within the receiver's passband is amplified by
successive stages anyway until it is strong enough to overload
an active device and drive it into a non-linear condition. In
this non-linear condition the device will mix signals with other
weaker signals as well as the intended signal. Many more signals
will be created by the sum and difference of the mixing action.
Some of these product signals may fall within the Intermediate
frequency passband and be further amplified by the receiver.
This is similar to front end overload except that the offending
signal was not strong enough or close enough to cause initial front
end overload. It was instead amplified within the receiver's
early stages until it did eventually cause an overload condition
in a downstream stage.

Both of these problems can be cured with tighter filter circuits
on the front end of the receiver, preferably before any active
devices. Cavity filters work good for VHF/UHF but are expensive
and too narrow sometimes. Another cure is reducing the RF gain.
If the spurious signals suddenly go away while turning down the
RF gain, suspect that intermod was occuring within the RF stages.
Vacuum tubes are not as susceptable to either of these problems,
I don't how susceptible the various flavors of FET's are compared
to bipolar transistors.

A related subject not curable with any of these methods is the external
mixing at dissimilar metalic joints which may create mixing products
outside of the receiver. A local rusty rain gutter for instance.

Let's not followup to this with statements like 'go read some ARRL
book". Please.

WA7LDV

--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

1410. Re: Want to Buy Kenwood IF-10C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: egroen@inter.nl.net
Message-ID: <DqFJKI.31w@inter.NL.net>
Source record: 202073

garyzab9@tcd.NET (Gary Zabriskie) wrote:

>I am desperately looking for a Kenwood IF-10C for use with my Kenwood
>Ts-140S. I would like to use computer control of functions in the radio.

>A gentlemen in Canada was going to send one to me to look at but I have
>not heard back from him. I wish Kenwood would produce a final run of
>these devices. I think I read elsewhere on this newgroup that there
>isn't anything fancy to what is needed, just a couple of chips? Is there
>a specific circuit board that goes in the radio, or just the chips? Does
>someone have the manual &/or schematic for the IF-10C that would be
>willing to send or fax me a copy? Please reply directly to me via my
>e-mail address which is: garyzab9@tcd.net

>Thank you.

>Gary Zabriskie, N7ARE
>St. George, Utah (Utah's Dixie)

In the IF 10A /10B/10C manual is also the schematic diagram of these
devices. Kenwood did sent me copy of the manual when I asked for it.
It is about 47 pages din A5.

Bye Enno

1411. Fiberglass Sales

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Bandmaster <bro@bro.net>
Message-ID: <317FE4C7.2546@bro.net>
Source record: 202074

AAE Bandmaster Quads, in concert with one of America's largest fiberglass distributors, is pleased to announce the formation of Bandmaster Fiberglass.

Antenna enthusiasts now have an outlet for quality fiberglass components, UPS-shippable worldwide and competitively priced.

Complete details are available on the web at: http://bro.net/aae/fiber.html

or from our email auto-responder by sending an email message to:

fiber@bro.net (no text is necessary).

73/DX

Bill Levey - WA4FAT
Bandmaster

Bandmaster Quads has served the Amateur Community for over a decade.
http://bro.net/aae

1412. icom ic-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: tom <kbs@powertech.no>
Message-ID: <31806B12.4E7A@powertech.no>
Source record: 202075

I`m looking for an opinion of the large-signal capabilities of the
ic-706, espesialy on 80/160mtrs.
Have currently a ic-730 wich i am very pleased with.

73 de tom, la9gx

1413. Mobile Installation

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: joep@jersey.net
Message-ID: <4loo1o$us@hermes.jersey.net>
Source record: 202076

If this is not the correct newsgroup for this question, please suggest another.

I have an Icom IC-28H which I would like to install in my '93 Nissan Stanza.

1) Will the RF cause any problem with the car's computer chip? It looks like the chip is installed just to the left of the drivers left foot in the chasis wall. (my guess)

2) Does any one know how to get power to the transceiver. I checked almost every inch inside the car and could not find wires of heavy enough guage to use. I tried fishing a cable thru the firewall (to connect directly to the battery terminals), but gave up after about 2 hours search looking for a hole I could use.

I successfully installed the ICOM in my previous car which was a '87 Honda Accord.

Any help or suggestions would be appreciated.

Thanks,
Joe, NU2H

--
+----------------------+----------------------------------+
|Joe Poulshock | joep@jersey.net |
| | http://www.jersey.net/~joep |
+----------------------+----------------------------------+

1414. Icom Ic-Z1a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: berlin@mail.fwi.com
Message-ID: <317ff084.6049727@news.fwi.com>
Source record: 202077

Wanted any mods for the Icom Z1a. Also anybody been able to get the
alpha #'s to share for both Vhf and Uhf? It only shows on the single
band. I want it to at least share??? Thanks 73's....
Berlin Slone////berlin @serv2.fwi.com///

That's Buck with a "B"

**********Sheriff Lucas Buck**********
If you need some good hometown Law Enforcement you came to the
right place..... Email back to 2083813@mcimail.com
or berlin@mail.fwi.com
Fido Mail to 1:236/7.6
BBS 219-837-3604 8 cd roms!

1415. Re: FT-50 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <317FDD5D.1DCF@mail.rust.net>
Source record: 202078

Chip:

Overall, the FT-50 seems pretty nice. I did find the display a little hard to read (my eyes aren't as good as they used to be), but that's expected on something that small. The wide-band receive is nice and works well, however, they advertise WFM (Wide FM), and it's not! There has been conflicting rumors about an engineering design flaw where they used a 25 KHz filter, when it should have been a 75 KHz one. Another Internet member claimed that a Yeasu engineer told him that. My local radio shop called Yeasu to confirm, and they were told it was not an error, but that there wasn't enough room for a 75 KHz filter. If that's the case, then they need to re-write their advertising.

The audio packs a solid punch for a HT this small, and it doesn't distort unless it's wide open.

I did return mine however.

Bill Crocker

1416. Re: Ameco 2/6 mtr converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: "Tom V. Pfaffenbach" <tvpfaffe@mail.delcoelect.com>
Message-ID: <4losiu$3g6@kocrsv08.delcoelect.com>
Source record: 202079

I have had an Ameco 2 meter unit for years - paid $5 for it at a hamfest as I recall. I re-tubed mine with a 6DJ8 high transconductance instrumentation twin triode and a 6EA8 for the local oscillator/mixer. I believe originally Ameco used a 6BK7 and 6U8. The mixer output is un-tuned. It is simply a 4.7K ohm plate resistor and .001uf dc blocking capacitor to couple the output, so running the output to a general coverage receiver with a preselector or antenna trimmer, allows you to tune thru quite a bit of the VHF spectrum. I use a 25.6 Mhz crystal oscillating on the 5th overtone - 128 mhz. That puts 144 Mhz at 16 Mhz and 155 Mhz at 27 Mhz. You can listen to the 2 meter band or the Public Service band or tune down to the aircraft band. I use a 180 volt plate supply - as I recall it requires about 10 ma.

Happy listening!

73 de K9JDU

1417. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4ln7pi$19g@odo.PEAK.ORG>
Source record: 202080
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Steve Kennedy (prografx@teleport.com) wrote:

: In my experience (I worked for a high-end audio manufacturer for many
: years, and both solid state and tube equipment was produced), there
: are two primary EXPLAINABLE (some of this stuff is almost
: unquantifiable) reasons why tubes sound "better" than transistors.
:
: The most obvious reason is that the overload characteristics and
: clipping are much "smoother", but I think the MAIN difference (which
: relates to this smoothness) is the spectral content of the distortions
: involved.
:
: Due to their physical nature and construction, tubes produce
: predominantly EVEN harmonic content in the distortions they generate.
: Even harmonics are pleasing to the ear and sound "smoother".

I find this hard to believe. Clipping, in the time domain, can be described by a series of odd-order harmonics. The even order values cancel out. This is independent of whether the clipping occurs in a transistor or tube amp.

I suspect the main difference is due to tube amps having an output transformer. The hysteresis/inductance would "round" any impulse waveforms. In practice, this means that the transformer would be distorting the clipped waveform even further - but the resulting sound would not be as "harsh".

Bill

1418. Re: Radio Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: jones@San-Jose.ate.slb.com
Message-ID: <4lp093$8hb@k9.San-Jose.ate.slb.com>
Source record: 202081

KMAGLOUGHLIN@delphi.com wrote:
[...]
: I can take an old motrac and throw channel elements in it and it will tune
: up on the ham bands. The only difference is between having the frequency
: selected by the channel elements or by a piece of software that runs on a
: pc. I am glad Motorola has allowed the overlap of band ranges because it
: allows me, as a user, the flexability to use first rate equipment and not
: experience the intermod and other problems that others, who run rice powered
: equipment, constantly complain about.

The old rock-bound Motorola mobile radios form the basis for a _lot_ of
the Ham repeaters around, too. They are very good radios, especially
considering the prices on the surplus market, and repeaters rarely need
to be "frequency agile".

--
Disclaimer: The opinions expressed above are mine and not those of Schlumberger
because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 Internet: jones@San-Jose.ate.slb.com
Packet:(not currently available) RF: KI7TU ICBM: 33 20' 44"N 111 53' 47"W
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,
AZ 85284-1825

1419. MODS for azden & alinco 6mtr mobiles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: squeaky@usit.net
Message-ID: <4lp0kt$psm@news.usit.net>
Source record: 202082

I am interested if anyone knows if the azden pcs7500H or the Alinco DR-M06T can be modified to operate at the 37Mhz range. I am a Ham and volunteer fireman in East Tennessee and the fire dept uses the freq. of 37.26 Mhz. I would like to be able to purchase a Ham 6 Mtr mobile and modify it to work on the 37 Mhz frequency. If you can help please E-Mail me at Squeaky@usit.net . Thank You in advance for your assistance.

1420. Swan 250 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: kc4gck@sunbelt.net
Message-ID: <NEWTNews.830462012.16968.kc4gck@STC.NET.STC.NET>
Source record: 202083

Hi. I'm looking for a mod or add-on for a Swan 250.

As you can imagine, trying to read an analog dial in this day in age is somewhat trying -- as long as the radio is well-tuned and stable, it's no big problem. BUT -- I have a used 250, which is in fairly good shape, but trying to get it exactly on frequency is somewhat trying.

I'm wondering if there is any sort of a mod or add-in available which would give me a direct digital frequency readout which could be installed in this venerable beast.

Any information would be greatly appreciated.

73,
Buck KC4GCK@STC.NET
KC4GCK@KC4GCK.#NGA.GA.USA.NA

1421. FS: Yaesu FT-40R As new in box

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Chuck <csupak@ucla.edu>
Message-ID: <31802E5A.666@ucla.edu>
Source record: 202084

Clean, 5 watt battery, 420-470Rx/Tx, PL/DPL keypad, never droped or even bumped. $300

(310) 829-3435

--

Man-Servent Hecubus Fan Club of America.

1422. WTB-Icom u2AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: markeakin@aol.com
Message-ID: <4lpbe7$ods@newsbf02.news.aol.com>
Source record: 202085

I'm looking for an Icom u2AT (Micro 2m with keypad). Ours was flooded,
but I have loads of equpment.

Alternatively, if you have one and want to buy spare batteries, drop in
charger and case, inquire.

e-mail at MarkEakin@aol.com, EakinFam@aol.com or eakin@ogp.noaa.gov.

Cheers,
Mark
Mark Eakin
Tandem "Team Sundae"
Wheaton, MD

1423. Re: Need opinion on Icom 2000H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: kauffman@gnatnet.net
Message-ID: <kauffman-2504962244290001@dialup04.gnatnet.net>
Source record: 202086

In article <4ljpfl$q9@bucky.win.bright.net>, Mike - KB9LPJ
<imrikfam@win.bright.net> wrote:

> Hi.. I am wondering if anyone out there who
> has an Icom IC-2000H could help me out. I am
> wondering how you like it?? How does it preform ...
>
> 73's >> Mike de KB9LPJ

Hi Mike,

I have two Yaesu FT-2400's and one IC-2000. The 2000 has a few more features than the 2400. As far a performance goes, both are very good radios. The IC-2000 was designed to go after the FT-2400/2500 market. I'd say that Icom did good with their radio, its a solid performer. I get good unsolicited audio comments.

Jim

1424. FS: HF-SSB Selective Call

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: gleizero@gate.net
Message-ID: <gleizero.16.0016FE3F@gate.net>
Source record: 202087

HF-SSB Selective Call Units for sale:

- Reliable operation under severe noise conditions;
- Ack-Back and Busy modes;
- Easy installation;
- Compatible with all HF radios;
- Microprocessor Controlled;
- Brand new in the box.

$99.00 each

Gustavo D. Leizerovich
gleizero@gate.net

1425. Re: HTX202 low audio with speaker/mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Jeff Goebel <jgoebel@rrnet.com>
Message-ID: <317F74A0.7797@rrnet.com>
Source record: 202088

Bob,

I found this a few months ago when I first bought my HTX-202. I haven't tryed it yet though.

Good luck,

Jeff N0VHB
jgoebel@rrnet.com

http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

Title : Low ext mic audio on the HTX-202 and
HTX-404

If you own the HTX radio you probably already know about the low external audio problem. I have tried a few
different brand mic's and they all failed to get any significant audio into the radio. There is a good reason for this. The
problem is the radio does not provide enough voltage to properly bias an ext condenser mic. When the radio is keyed
the voltage at the ext condenser mic drops to about 2 tenths of a volt. Most common condenser mic's need a minimum
of 2 volts and a nominal of about 4.5 volts. Design flaw or design feature. You be the judge. There is an easy way to get
around this. I will tell you how to modify the Radio Shack speaker mic to get very respectable audio out of it. You then
will be able to amaze all the smug Yaesu and Icom owners that have looked down at your HTX rig.

You will need the following parts from your friendly neighborhood Radio Shack

cat num,.....description,.....generic

19-310.....speaker mic

270-430.....lithium batt holder....20 mm single cell

23-162.....lithium battery.....dl2032..3v 180mah

270-092.....condenser mic.....-65 db sens
.....2v min 10v max

.33 microfarad cap,disc type or any small profile type cap

At this point I should say that this is a " use at your own risk" modification. It is not approved by the manufacturer and if
they knew it would probably void your warranty. Any damage to your radio because of an incorrectly implemented

mod to the speaker mike is solely your responsibility. Now having said that, probably the only thing to happen if you
blow the mic mod is that the mic won't work or you won't be able to key the radio from the external ptt switch. They
made the radio hard to hurt through the ext mike jack.

#1:unsolder the ptt switch. #2:cut the leads to the mic element and remove original mic. #3:connect the red wire from
the main cable that was going to the ptt switch before to the side of the resistor that is not connected to the speaker.
#4:install the ptt switch in line between the resistor and ground which is the minus terminal on the speaker. #5:connect
the .33 mf cap to the top of the resistor where the red wire is. #6:connect the white signal wire from the condenser mic
to the other side of the .33mf cap. #7:connect the shield wire from the condenser mic to the ground side of the resistor.
This would be above the switch but on the low side of the resistor. This is important because if this is wrong the battery
will only last a few days instead of a year or more. #8:connect the minus side of the battery holder to the ground point
that is the minus terminal on the speaker. #9:connect the positive terminal of the battery holder to the red bias wire that
comes from the mic element. #10:install the battery. #11:check with a volt meter to check that the bias wire on the mic
is getting aprox 3.1 volts positve.

That should be it. The .33mf cap keeps the radio {red wire from main cable} from seeing the ext dc from the battery.
The ptt switch grounds the resistor and causes the radio to key and completes the ground for the mic element. When the
radio is not keyed the battery is looking at a high impeadance instead of the 3k impeadance the mic presents when in
circuit. I checked modulation on my rig by putting the HTX on a dummy load at low power and listened with
headphones to a scanner. this is a good way to insure that all is well before you take to the bands. Also I should note
that this type of mod can be made to other brand mic's. Before I tried the Radio Shack model I modified a MFJ-284.
The same principals are involved but in the case of the MFJ there is more latitude in how you accomplish the mod. The
ptt switch is dpdt on the MFJ and only spdt on the Radio Shack. Having two sets of switch contacts allows you to use
one set to ground the resistor and the other set to apply the positve voltage to the mic element. Applying the positive
voltage rather than grounding the mic is probably prefered. If you use the Radio Shack mic you don't have much choice
and will need to use the grounding method on the mic.

Now there are better parts available to do this mod, a noise cancelling higher sensetivity mic for instance. If you are
interested in really having a high performance mic send a self addressed stamped

envelope and I will tell you how obtain
these better performance parts. Send the envelope to:

Terrapin Sales P.O. Box 12426 La Crescenta, Ca. 91224-5426

Another cool place for HTX-202 and HTX-404 info as well as other ham related topics is at the following address.

http://ourworld.compuserve.com:80/homepages/wa3rvt/

Make sure you check out .

Bob Boardman wrote:
>
> I'm sure I saw a reference to a fix for this problem, but I haven't
> been able to locate it via any of the www search engines. A friend has
> an HTX202 that he uses with the remote speaker/mic, and even though his
> signal is S9, the audio is very low. I hope that someone can point me
> to a fix for his problem.
>
> 73,
>
> -Bob
>
> =-=
> | Bob Boardman, Albuquerque, New Mexico - KC5SFW - ARRL, Upper Rio FM Society |
> | <boardman@cobra.unm.edu> PGP 2.6.2 public key available |
> =-=

1426. WTB ARRL Video Course

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <31805C35.7BBA@worldnet.att.net>
Source record: 202089

I would like to buy a used ARRL Technician Class Video Course. Please email details if you have one for sale. Bob

1427. Standard C550 C558 problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Giuseppe Fabbri <gfabbri@www.iper.net>
Message-ID: <4lo3q5$emi@cnn.iper.net>
Source record: 202090

Hallo,

I'm looking for any owners of the Standard C550 (or C558) transceiver. I think I have burned the 70 cm RF power module (for the second time!) and I can't understand when and why. Is there anybody that had this problem or knows anything about it?

I always take care of it and I never had any problem with 2 meters band or with others transceivers that I've got. After the first repair (the assistance said the RF module had burned) the transceiver has the RF module M67749MR for 70 cm: before replacing it I'd like to know how to avoid this problem (limiting the power, improving the termal dissipation...) or if there is another module that works better.

Thanks for your help

Giuseppe - IK4ZHB
email: gfabbri@www.iper.net

1428. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr25.182338.6349@ke4zv.atl.ga.us>
Source record: 202091

In article <4lieg8$b70@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>In article <4lhoa6$7ck@ram2.ramlink.net>, subich@ramlink.net (Joe Subich)
>writes:
>
>>Tom, the screen and grid are both regulated supplies. The screen at
>>about 350 volts with voltage foldback as the current increases (to
>>prevent the screen from dissipating excess power). The grid is also
>>regulated (zener diode).
>>
>>The tube is grid drive with an untuned resistive termination (50 Ohms
>>with a slight inductance by using a mix of non-inductive and wire wound
>>resistors).

There's also a 20 ohm cathode resistor giving negative feedback to the
amplifier.

>What is the grid bias voltage of the tube and the class of the stage?

-56 volts, class AB1. Here are the parameters in full:

Plate voltage 2200
Screen voltage 350
Grid voltage -56
Zero-signal plate current 170 mA
Single-tone plate current 550 mA
Single-tone screen current 25 mA
Zero-signal plate diss 370 W
Drive power 60 W
Plate input power 1200 W
Plate output power 750 W
Efficiency 62.5%
Power gain 10.97 db

>I find it strange that all these tubes require a 50 ohm grid resistor to
>develop correct grid voltage swing with a 100 watt exciter. That almost
>seems too good to be true. I am trying to help three people get 4CX1600's
>running. One guy's amp only needs ten watts of drive! Of course many
>solid state exciters get trashy when turned down that far. A FT1000D I
>measured had horrid IMD measurements at ten watts, as did an IC751A.

This amp requires 60 watts of drive. That's 54.77 volts across the
50 ohm grid resistor.

>My worry is that the series of articles stemming from incorrect design
>parameters (with values mainly selected to make the tube look appealing)
>will result in some nasty signals on the air. The "standard" 50 grid

>resistor *seems* like a case of "stick this part there" engineering.

Then perhaps you should look at the ARRL lab test data on the conversion (available on oak.oakland.edu). Second order products are down 50 db and third order products are down 68 db for single tone transmit on a frequency of 14.175 MHz at rated operating conditions. On the two tone test, worst case products are -38 db at 2 kHz from the carrier, and no more than -48 db at 4 kHz from the carrier. Not too shabby for a simple untuned input amp, and better than the MLA2500 did with the original pair of 8875 GG triodes.

>>I would have expected the editors at QST to have pulled the last two
>>paragraphs of George's article. In my opinion, they were not called
>>for, supported by the facts, or justified in what was, otherwise,
>>generally an interesting history of the high power vacuum tube in
>>amateur radio.
>
>The facts support your opinion Joe. It was a shame a well written article
>became a marketing tool, and especially shameful incorrect information
>unrelated to the subject crept in. I found the thinly veiled and false
>denigration of Eimac zero bias triodes tasteless. There is no reason for
>that type of nasty and untruthful marketing.
>
>Anyway, what was the grid bias of the tube and class of operation? Did the
>author include a screen meter? Was there an energy storage component at
>the screen to improve dynamic regulation during voice peaks?
>
>Tetrode circuits are a real design pain compared to triodes, and I've
>never seen any of the "marketing tools" the author has gotten published
>properly address tetrode design. Of course that may be because I have "an
>Ox that was gored, or a tempest in a tea pot, or a bad hair day".

It certainly must be, since you don't have a technical leg to stand on with your criticisms of the articles.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1429. Kenwood Th 45AT For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Roberto Montoya <robertm@border.net>
Message-ID: <317FFC84.6A16@border.net>
Source record: 202092

In good condition. with batt. but no charger.

$145 plus shipping and COD.

will reply to private e-mail only

Thanks
NR5W
robertm@border.net

1430. For Sale : YAESU FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: "Prasad V.G Jeevanigi" <jvg@bmdinc.com>
Message-ID: <318013C0.5FB2@bmdinc.com>
Source record: 202093

For sale very very rarely used YEASU FT-21R VHF/UHF dual HAM band, cell-phone style, handheld transciever, with 12V Battery, battery recharger, manaul, even original packing etc. Everything in immeculate condition. Bought about an year ago. But must have switched it on about 10 times, for couple of minutes. Paid $550=00. You make the offer. Must sell.

Thanks.

Prasad Jeevanigi, VU2JVH,
e-mail : jvg@bmdinc.com

1431. Re: Yaesu FT101 Mods/Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: mikehv@tcp.co.uk
Message-ID: <4lmfd2$6um@zeus.tcp.co.uk>
Source record: 202186

wtpoe@ro.com wrote:

>I have a Yaesu FT101 and would like information on the modifications
>that can be done on this rig mainly with WARC bands. I am interested
>in other mods too.

Try G3LLL Holdings Amateur Electronics
45 Johnston Street
Blackburn
BB2 1EF
England

73 de Mike G0LQI

>Wyatt KF4CHZ

>wtpoe@ro.com
>

Mike Murphy
mikehv@tcp.co.uk

1432. WTB QRP CW Rig, Either Heath or Ten Tec

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: dhellen@bright.net
Message-ID: <317ecbd8.56062106@news.bright.net>
Source record: 202187

I am looking to either homebrew a 5W or less transmitter and
receiver or buy a commercial one. I only _need_ 40/80 M,
but will consider an all band rig also. CW is my primary
mode, and can be the only one in this rig. SSB is optional.
Email response if you have one as I do not have time to
check groups regularly.
Donald Hellen
Made of only the finest electrons and the purest
ascii text to bring you the utmost email pleasure.

dhellen@bright.net

1433. Re: Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <4lmi7k$grc@ram2.ramlink.net>
Source record: 202188

In message <4lhr75$rlt@crash.microserve.net> -
jackl@pinetree.microserve.com (WB3U)Tue, 23 Apr 96 03:42:19 GMT writes:
:>
:>Incidentally, I had a chance to witness a live HDTV broadcast on 2.5
:>GHz a few years ago at a Wireless Cable convention. The carrier to
:>noise ratio of the received signal was terrible, but picture quality
:>was truly superb. This despite the fact that a single 6 MHz cahnnel
:>was being used to carry four separate programs!
:>

What you observed was not HDTV in the present sense (a single 1050 line, progressive scan, 60 frame per second, 16:9 aspect ratio picture). Instead, you probably witnessed an example of HDTV's "scalability" - the ability to transmit several (the number varies between four and six depending on the "expert") normal NTSC resolution (the "new" term is Standard Definition Television or SDTV) signals in the digital domain.

The intriguing thing is that the "Grand Alliance" system slated for adoption by the FCC will operate with perfectly clean signals down to within .5 dB of the noise floor - the adaptive equalizers and precorrection are than good. UHF/VHF field tests in the Charlotte area last year showed the Grand Alliance system could withstand several hits (bad packets) per second and still provide adequate perceived signal quality. However, when the signal started to go, it went very quickly ... no ghosting, fading, etc. It was almost like turing out the light.

The biggest problem as far as TVI goes is lockup time (training time for the adaptive equalizers). If TVI causes a problem when the receiver is trying to acquire a signal, there are real problems.

I hope the broadcast industry will not fall victim to the low power myth that is being circulated in HDTV circles ("you'll only need about 30 KW to equal your current grabe B contours"). While 30 KW may provide a 1 dB margin at 55 miles (the line of sight horizon for most TV stations over flat ground), having extra fade margin at the horizon will increase program availability from 85% +/- to 99.5% and make reception much less susceptible to interference, etc.

The old grade B contours were based on the F(50,50) curves meaning that 50% of the receiver locations should receive service 50% of the time ... that works out to 25% of receivers actually getting a usable signal (that's not good enough for me!).

--
73,
... Joe Subich, AD8I
(subich@ramlink.net)

1434. Re: FS: Heath SB-640 remote VFO for SB-101 and SB-102

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: doragsda@oboe.calpoly.edu
Message-ID: <4lmi4r$9i3@isnews.csc.calpoly.edu>
Source record: 202189
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I've got one on my SB-101 and the manual for both units describes how
to hook up the SB-640 to the -101.

In article <4lm6su$bl1@crash.microserve.net>,
jackl@pinetree.microserve.com says...
>
> QRP%mimi@magic.itg.ti.com (D.W.Hemphill KC5NG) wrote:
>
>>FOR SALE: - a rare item -
>>Heathkit SB-640 remote VFO (really a LMO).
>>Matches SB-101 and SB-102 transceivers.
>>Fresh alignment, tubes checked good.
>
>Isn't the remote VFO for the SB-102 solid-state?
>
>73,
>Jack WB3U

1435. FS: Electronic leftovers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: chane@cse.ucsc.edu
Message-ID: <4lmop1$hvi@darkstar.UCSC.EDU>
Source record: 202190
Cross-posted to:
rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.space

```
Hi all..

I have some treasures for sale that I just can't
haul around with me anymore...

The prices are subject to negotiation :)
Best offer takes it..

--------------------------------------
COMPUTER EQUIPMENT
--------------------------------------

Televideo TVI-925 terminal $20

--------------------------------------
ELECTRONICS GOODIES
--------------------------------------

Western Union Telefax Transceivers $20/pair
Model 6500-A, proprietary protocol
interesting little beasties...

Tektronix Oscilloscope $50
Model RM545B, with 1A1 Dual Trace module
Good condition, 19" rack mountable, weighs about 75#s

--chane@cse.ucsc.edu
```

1436. Re: Eartalk speaker mics for HT's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: cerebus@gate.net
Message-ID: <4lmr30$15nc@news.gate.net>
Source record: 202191

hberg@uiuc.edu (Steve Hilberg) wrote:

>I'm interested in obtaining an external mic for my HT, and I'm seriously
>considering an ear mic.
> Has anyone had any experience with either
>of these products - pro or con? Thanks.

My experience with these, on the receiving end, is that while they
work pretty well, they give the transmitter a muffled sound.

1437. Re: Wanted:R390A manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: rfburns <doogie@pop.fast.net>
Message-ID: <4lmrkb$g3i@nn.fast.net>
Source record: 202192

CONSULT FAIR RADIO SALE IN OHIO
I JUST GOT A COPY FOR A R392 RECEIVER
THEY WILL HAVE IT AT A GOOD PRICE
NEED IFO EMAIL BACK
DOUG

1438. WTB NC300 or NC303

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <317F2342.1600@worldnet.att.net>
Source record: 202193

Robbie, KO4EE, is looking for a National NC300 or NC303 receiver in good condition. If you have one for sale please email details to me and I'll forward the info to him. Thanks and 73. Bob, K4LXA

1439. Radio Shack HTX-242 and RBI-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: pwardell@sirinet.net
Message-ID: <4lmu05$j2i@ns2.sirinet.net>
Source record: 202194

Hello to all. Our club has recently come into the possesion of a new Radio Shack HTX-242 2 meter mobile radio. Our hopes are to use this radio as a remote base in conjunction with our DRC186 repeater controller. Side by side, the HTX-242 and the Kenwood TM-241A appear nearly identical. The Kenwood utilizes an 8 pin DIN type mike connector and the Radio Shack uses an 8 conductor modular plug (RJ-45). The pin-out for the HTX-242 is as follows:

1-Tone
2-Ground
3-Clock (CPU)
4-Control
5-Mic
6-PTT
7-5 VDC (500mA max)
8-Data (CPU)

Can anyone provide me with the pin-out for the Kenwood TM-241A radio. If anyone has already done the experimenting with this radio and a Doug Hall RBI-1 interface, please let me know how it went.

Thanks...Paul

1440. Looking for equip.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: minman@computek.net
Message-ID: <4llt2p$nf@news.computek.net>
Source record: 202195

I just got my Tech and am looking for some equipment. I am looking for some input on what I should get, mobile or ht, which brands to look for. I would like to buy used. for the obvious reason I don't have alot of money to spend (with car payments and insurence and all.
Anybody got an old ht sitting around willing to sell cheap to a 18 yr old?

I am also looking for a manual (or copy) for a Heathkit HW-101.

Hope to hear from some of you. Please e-mail me if you want to sell (or donate ;-)) something.

Matt I.
minman@computek.net

1441. Repeater Newsgroup

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: "Alan Johnson"
Message-ID: <4lmno9$lra@Twain.MO.NET>
Source record: 202196

Is there a newsgroup or any other gathering place for repeater information and ideas? If now, it sounds like something worth looking into.

73

Alan
K9CTF

Repeater serving St. Louis
443.35+
53.35/51.65

1442. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: larson@net.com
Message-ID: <4ln7jp$21c@unet.net.com>
Source record: 202197
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <317E9D3A.40E7@shu.ac.uk> Mark Pettigrew <m.w.pettigrew@shu.ac.uk> writes:

>What I have is a separate RF ground of four 1.5 metre copper pipes
>connected together and to the set by a thick (10 sq millimetres)
>insulated copper wire. Where the RF ground enters the house, it's
>connected as well to the mains earth via about 5 turns each on four
>ferrite toroids. This link prevents RF injection into the mains, but
>makes sure that my set is grounded to the mains earth. There is no direct
>connection between the rig and the mains earth apart from this.

While this may be the thing to do in the U.K., I would recommend
against it. From the wiring faq (misc.consumers.house, sci.answers,
news.answers, and other places):

Furthermore, there should only be one grounding system in
a home. Some codes require more than one grounding electrode.
These will be connected together, or connected to the neutral
at a common point - still one grounding system. Adding additional
grounding electrodes connected to other portions of the house
wiring is unsafe and contrary to code.

Your connection connects extra grounding electrodes to the wiring
of the house. The FAQ is written for North America (U.S. and Canada),
but I would suspect that multiple ground (earth) connections is
inappropriate for good reason. Your connection through a toroid
is a fairly direct connection at power line frequency.

Alan

1443. ICOM AT-180 SSB problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDqECFp.Mz9@netcom.com>
Source record: 202198

A month or so there was some discussion of problems some people were having with the ICOM AT-180 tuner not staying tuned when in SSB mode. I was easily able to replicate the problem (which is, the tuner light starts flashing and the tuner then goes offline when transmitting SSB, even tho the tuner could do a good match with CW/FM modes). Anyway, I sent the unit to ICOM requesting warranty service. The tech called me and said he was able to duplicate the problem (using a resistive mismatched load), and he fetched a brand new tuner and was able to replicate the problem on that too. Therefore, he decided that the tuner was not malfunctioning. So ICOM is sending the tuner back, complete with this problem. The service tech referred me to ICOM customer service, who I spoke to, and they agreed to refer the problem to ICOM Japan, but indicated that it would take a while to get a reply and how they would handle it in Japan was uncertain. The Customer Service rep, while very friendly/helpful, indicated that he had not heard of this problem before, and confirmed that he witnessed the bench test of my unit with the SSB-offline mode.

By the way, I tested a Yaesu FT900AT under many identical conditions and it never missed a beat. Same with the tuner in a Kenweird TS940SAT.

So if you are experiencing this kind of problem it would probably be worthwhile mentioning it to ICOM service in Bellvue, Washington. I don't know if ICOM will be able to address the problem or not, but the customer service rep sounded somewhat hopeful, and the service tech did understand the nature of the problem and was likewise helpful and friendly.

Hopefully ICOM JAPAN will come up with a service modification and those of us experiencing the problem will get updated. The customer service rep did assure me that ICOM would stand behind the product, so I'm not terribly worried right now.

Good luck,

73 Dave WB0GAZ dgf@netcom.com

1444. WANTED: Info on ICOM IC-706 please!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: mc@shore.net
Message-ID: <4lnmfe$i9m@northshore.shore.net>
Source record: 202199

I am seriously thinking anout getting one of these radios and would appreciate some info from folks that have them.

I understand that there are several modifications being attempted to improve their use. I also hear that many have been damaged in the process. Can anyone give me a brief rundown on this situation - what the mods are trying to improve, etc.

Thanks for the help.

73,

Michael Crestohl. KH6KD/W1
mc@shore.net

1445. Re: FT-50 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <4lnrs3$5lh@guyana.it.earthlink.net>
Source record: 202200

I bought the radio about two weeks ago. In terms of intermod, it seems
better than my Icom w2a. It is very sensitive and the audio output is
very very good- loud and clear; it does distort at max. output.

andy n6xkn

1446. Re: FT-50 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <4lns11$5lh@guyana.it.earthlink.net>
Source record: 202201

I bought the radio about two weeks ago. In terms of intermod, it seems better than my Icom w2a. It is very sensitive and the audio output is very very good- loud and clear; it does distort at max. output.

andy n6xkn

1447. Re: Wanted: Icom IC Z1A and IC W31A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Gary Fiber <gfiber@halcyon.com>
Message-ID: <317F6EB8.3D31@halcyon.com>
Source record: 202202

Michael A. Mathis wrote:
>
> Can anyone give me pointers to any mods for these models? I am interested
> in CAPS and MARS mods. Thanks.
> _________
> Michael A. Mathis
> mmathis@xnet.com
> 312 650 3921 pagerThe book titled ' radio / Tech Modifications ' has both of these radios in it. This book is published by
Artsci and they are at 818-843-4080. Also many dealers carry this book.

Gary

1448. Info on TS-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Norm Hammar <norm@cqg.com>
Message-ID: <317F719A.1401@cqg.com>
Source record: 202203

I have a Kenwood TS-50, and notice that the fan comes on regularly when transmitting. Is this normal...or do I need to make an adjustment somewhere? I notice it at both 100 and 50 watts output. Any help would be greatly appreciated. norm@cqg.com

1449. Looking for 70cm amp recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: rkm@scanproj.raster.kodak.com
Message-ID: <4lnr48$4kd@elmgate.raster.Kodak.Com>
Source record: 202204

Hello:

I'm looking for recommendations for a 70cm amp. With 2-3 watts
input, I'd like at least 20-30W output.

The amp will be used with a 9600bps data radio (The Tekk KS-900)
so I'd prefer something that has an outboard PTT connection, instead of
just having RF sensed switching.

So.... does anybody out there have a favorite amp that they would like
to recommend? :-)

Thanks,
- Rich

1450. WANTED: OLD K-40 MICROPHONE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Randy Padawer <padawer@usit.net>
Message-ID: <317F962D.2525@usit.net>
Source record: 202205
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm looking for one of the speech processor microphones offered by K-40 (American Antenna, Inc.) for so many years. If anyone has a working model in a junkbox somewhere, I'd very much appreciate an email. (I do realize this was a product marketed mostly toward the CB market, so please no flames <g>. I do have a use for the old pup.)

Thanks!

Randy Padawer, WA4FJF
padawer@usit.net

1451. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: wargocki@ultranet.com
Message-ID: <wargocki-2504961021360001@linus.mitre.org>
Source record: 202206

In article <4lgk5v$dfl@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) wrote:

> donrm@sr.hp.com (Don Montgomery) wrote:
>
> >I used to have FT101EE. All one had to do was clip the brown jumper
> >on the bandswitch and you were instantly on 11 meters, where most of
> >the FT101(X)s are these days.
>
> Are you sure you had the EE model? Mine didn't even have a factory-
> installed crystal for 11M. The TX lockout jumper was only used to
> prevent transmission on the 10 MHz WWV band.
>
> 73,
> Jack WB3U

As I recall, thinking back a few years: The EE model lacked some of the E's features, such as the RF processor, some of the 10m segments, and the 160m band. The earlier E's did have 11m capability (when the wire was clipped) and the FCC clamped down on Yaesu and required them to remove the 11m circuitry in later E models, allowing the addition of a user-set auxiliary band. Yaesu eventually called the non-11m version the FT-101F, one of which I still use.

FYI, addition of the WARC bands is straightforward. The old Fox-Tango club sold a conversion kit, but I was able to recreate most of the steps after they faded away. The 10.1 MHz band can be added instantly by jumpering a few wires from the bandswitch and sharing the 40m taps on the transmit tuned circuits. The trick is some tight soldering. 17 and 12m are set by installing the right crystals and re-tuning the oscillators. The manual gives instructions for calculating the crystal frequencies and I ordered them from JAN. I used the auxiliary band for 17 and removed the 10D (29.5-30.0 MHz) crystal to use that band for 12m.

73,
Frank, AB0G

1452. Re: TS-870 given Bad Report in Rad.Com review

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: Rolfe Tessem <rolfe@ldp.com>
Message-ID: <317F8843.28CC@ldp.com>
Source record: 202207

John M Sonley wrote:
>
> I was planning to buy the new TS-870 until I read the Peter Hart review
> in Radio Communication April 1996. He stated that the "close-in dynamic
> range was particularly poor"

Is this review available online anywhere?

Rolfe
W3VH
--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

1453. Re: Yaesu FT-757 gxII info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: whodgins@axess.com
Message-ID: <4lo1qc$914@news.axess.com>
Source record: 202208

Shelby Merrick <smerrick@som-uky.campus.mci.net> wrote:

>KC7FYS wrote:
>>
>> Hello,
>> I just purchased a good cond ft757 in JA and I am looking for the english
>> manual for the thing--and also anyone who has interesting anecdotes about
>> mods, QRV, etc, with this rig. I am going to install the CW filter when
>> it arrives. Any tips. Please email me.
>> Jonathan 7j1awl/kc7fys

>I just bought one at a hamfest less than a month ago. I had to buy manuals for mine
>straight from yaesu. The owner's manual is $7.31 and the service manual is $15.69.
> Shipping was 4.00 for a grand total of $27.00. Their number is 310-404-2700.
>Also, their's a little black switch behind the dial when you take the case off.
>Flip this and it opens up the transmitter for all freqs. Mine was turned on when I
>bought it.

>73's
>Shelby KE4AKA

I too recently bought a used Ft-757 Gx11 (with manuals). I have not
yet transmitted (waiting for antenna). What position should the
switch you mentioned be in to ensure I stay within ham bands?

1454. Computer Control For Your Rig !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: tony@gcr1.com
Message-ID: <4lo4ed$9q6@tetsuo.communique.net>
Source record: 202209

f you are thinking about using you PC to control
you ham rig check out my page and the FT-736R CAT
section. The unit shown is usable on all rigs that
require a RS-232 to TTL level converter to control
the rig. Available for Kenwood, Yaesu or Icom rigs
and as well as others.

Check it out ...

http://www.gcr1.com/n5gpi/

73,
N5GPI

1455. RFI in Toyota 4Runner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1996Apr25.095837.1@evax01.d51.lilly.com>
Source record: 202210

About to buy a new support bracket for my Icom 706 in the form of a Toyota 4-Runner. Anybody out there with a 95 or 96 4Runner running HF and VHF mobile? What problems or successes? Short of jury-rigging the 706 into the vehicle and plopping a magmount HF antenna on the roof before I sign on the dotted line, what bands might provide a problem for the internal Toyota computer?

Thanks in advance

Mel, KJ9C
mjc@lilly.com

1456. Morse-Code-Trainer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-25 00:00:00 UTC
From: c.schumann@magnet.at
Message-ID: <2517958653.32538038@magnet.at>
Source record: 202211

Suche einen einfachen Morse-Code-Trainer fur den Mac, mochte nur das Lesen von Dreier-Gruppen uben. Weiss jemand, wo ich das finden kann??? Oder hat jemand was dergleichen?

Looking for a simple morse-code-trainer for the Mac, just to practice reading of three-letter-groups. Does anybody know where I could look for or does anybody have something like that?

c.schumann@magnet.at

Thanks, Chris

1457. Re: HTX202 low audio with speaker/mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: dhellen@bright.net
Message-ID: <3180173d.140911619@news.bright.net>
Source record: 202094

> A friend has
> an HTX202 that he uses with the remote speaker/mic, and even though his
> signal is S9, the audio is very low. I hope that someone can point me
> to a fix for his problem.

>| Bob Boardman, Albuquerque, New Mexico - KC5SFW - ARRL, Upper Rio FM Society |
>| <boardman@cobra.unm.edu> PGP 2.6.2 public key available |

I had a problem with mine, and I took it back for repair.
It was tested and I was told it was "within specs" for
proper deviation. I got another unit after a complaint, and
the same thing. I got on the local repeater and someone
gave me the information to increase the deviation by turning
one of the pots inside (there were two if I remember). The
first time I turned the correct one (I forgot which) the
wrong way and had NO deviation, just carrier. Then I tried
it the other way and it was perfect. Find out which pot to
adjust and be careful taking it apart as it does not allow
separation of the front and back parts very far. If you
feel safer doing so, let someone else perform the mod for
you.

A side point, deviation is dependent on your voice, the
microphone, and the circuitry. Setting the deviation to,
say, 7 khz instead of 5 but talking softly will still give
you less than 5 khz deviation. If you go too far, you will
get complaints on poor audio quality. On mine, both with
the portable mic and the built-in mic, I got reports of low
modulation (deviation) until the mod was performed.

Sorry I can't help any more as to which pot to turn or which
way, but it's a start.

Donald Hellen KJ3I

Made of only the finest electrons and the purest
ascii text to bring you the utmost email pleasure.

dhellen@bright.net

1458. National HRO Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4lp525$age@news2.ios.com>
Source record: 202095

Looking for an early HRO in excellent to mint condition. Can you help? Dick Doremus

1459. Need acces. plug for IC 745

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4lp51r$q6s@news.usit.net>
Source record: 202096
Cross-posted to:
rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew.,rec.radio.amateur.misc

I need the accessory plug or a source for the accessory plug for the
Icom 745 hf rig.
Thanks for your help!

Steve WA4GZE

1460. Need info on Key Research PS 90

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4lp57c$q6s@news.usit.net>
Source record: 202097
Cross-posted to: alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.scanner

Hello,

I picked up a mint Pro 2005 at a hamfest last week. The scanner has the search and store moule which is a Key Research PS 90. Any info you can give would be appreciated. Will be glad to pay for copying of the manual.

Thanks,

Steve

1461. Re: RFI in Toyota 4Runner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Steve Siegel <SteveS@clark.net>
Message-ID: <3180570D.873@clark.net>
Source record: 202098

ga19989@evax01.d51.lilly.com wrote:
>
> About to buy a new support bracket for my Icom 706 in the form of a Toyota
> 4-Runner. Anybody out there with a 95 or 96 4Runner running HF and VHF mobile?
> What problems or successes? Short of jury-rigging the 706 into the vehicle and
> plopping a magmount HF antenna on the roof before I sign on the dotted line,
> what bands might provide a problem for the internal Toyota computer?
>
> Thanks in advance
>
> Mel, KJ9C
> mjc@lilly.com

I've mounted a Kenwood TM-733A under the driver seat in my 1990 4Runner.
Used the remote kit and mounted the display on the steering column. I used a
Comet WS-1 window mount and a Diamond 770 dual band ant. on the rear left
passenger door. I can reach out the drivers windows to fold the ant. over
when entering garages.

The 4Runner is the V6 with EFI. The computer is mounted behind the front
passenger kick panel. I've run the VHF on 50 watts with no EFI problems at
all.

Good choice in vehicles. I just hit 120,000 miles and still going strong.
****
73 de N3WUU Steve Siegel
*SteveS@clark.net *
****

1462. Re: RFI in Toyota 4Runner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Steve Siegel <SteveS@clark.net>
Message-ID: <318056E9.384C@clark.net>
Source record: 202099

ga19989@evax01.d51.lilly.com wrote:
>
> About to buy a new support bracket for my Icom 706 in the form of a Toyota
> 4-Runner. Anybody out there with a 95 or 96 4Runner running HF and VHF mobile?
> What problems or successes? Short of jury-rigging the 706 into the vehicle and
> plopping a magmount HF antenna on the roof before I sign on the dotted line,
> what bands might provide a problem for the internal Toyota computer?
>
> Thanks in advance
>
> Mel, KJ9C
> mjc@lilly.com

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passenger kick panel. I've run the VHF on 50 watts with no EFI problems at
all.

Good choice in vehicles. I just hit 120,000 miles and still going strong.
****
73 de N3WUU Steve Siegel
*SteveS@clark.net *
****

1463. Re: RFI in Toyota 4Runner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Steve Siegel <SteveS@clark.net>
Message-ID: <3180574D.5203@clark.net>
Source record: 202100

ga19989@evax01.d51.lilly.com wrote:
>
> About to buy a new support bracket for my Icom 706 in the form of a Toyota
> 4-Runner. Anybody out there with a 95 or 96 4Runner running HF and VHF mobile?
> What problems or successes? Short of jury-rigging the 706 into the vehicle and
> plopping a magmount HF antenna on the roof before I sign on the dotted line,
> what bands might provide a problem for the internal Toyota computer?
>
> Thanks in advance
>
> Mel, KJ9C
> mjc@lilly.com

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Used the remote kit and mounted the display on the steering column. I used a
Comet WS-1 window mount and a Diamond 770 dual band ant. on the rear left
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when entering garages.

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passenger kick panel. I've run the VHF on 50 watts with no EFI problems at
all.

Good choice in vehicles. I just hit 120,000 miles and still going strong.
****
73 de N3WUU Steve Siegel
*SteveS@clark.net *
****

1464. Re: PS-35 Power Supply for Portable Use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.960425230137.11139C-100000@DGS>
Source record: 202101

Yes, I've used one to run non-ICOM rigs for years. Mine is "permanently" moded for 230 V operation since I used it on an FG DXpedition. I run it from a 115 to 230 transformer here at home. N6AMG steered me to it as a nice small supply to take on DXpeditions.

73 de Bob

1465. Re: HELP! Kenwood IF-10C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: marc lurie <marc.lurie@pixie.co.za>
Message-ID: <4lqbb0$e5f@hawk.pix.za>
Source record: 202102

HELLO,

I HAVE A BRAND NEW, BOXED IF-10C AVAILABLE HERE.

I AM LOOKING FOR US$46.00 + US$4.50 AIR POSTAGE.

PLEASE CONTACT ME IF YOU ARE INTERESTED.

REGARDS,

MARC ZS6HZ, LIEBERMAN AMATEUR RADIO (PTY) LTD, JOHANNESBURG, SOUTH AFRICA.

1466. Re: Yaesu FT101 Mods/Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.96Apr25234312@picard.mipg.upenn.edu>
Source record: 202103

wtpoe@ro.com wrote:
>I have a Yaesu FT101 and would like information on the modifications
>that can be done on this rig mainly with WARC bands. I am interested
>in other mods too.

In the US, IRC in Florida still sells the WARC modification kit for
the 101. They sell most years of the old FoxTango newsletters which
contains mods for many Yaesu rigs of the era.
--
| 73 de Conway Yee, N2JWQ | DON'T
| EMAIL : yee@mipg.upenn.edu | TREAD
| TELEPHONE : | ON
| FAX : | ME!

1467. COLLECTORS MORSE KEYS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: marc lurie <marc.lurie@pixie.co.za>
Message-ID: <4lqait$e5f@hawk.pix.za>
Source record: 202104

HELLO THERE,

I HAVE AVAILABLE SEVERAL MINIATURE MORSE CODE KEYS. THEY
WERE MADE IN FRANCE FOR THE SOUTH AFRICAN MILITARY. THEY ARE
MADE OF CHROME PLATED BRASS ON A BLACK PLASTIC BASE, WITH A
MILD STEEL SLIDING COVER.

THESE KEYS ARE PERFECT FOR FIELD DAYS AND QRP EVENTS. THE
COST IS ONLY US$20.00 PLUS US$3.00 FOR AIR POSTAGE.

PAYMENT CAN BE MADE BY VISA OR MASTERCARD, OR BY BANK
TRANSFER TO:

LIEBERMAN AMATEUR RADIO (PTY) LTD
STANDARD BANK OF SOUTH AFRICA
BERGVLEI BRANCH (CODE 00 88 05 03)
ACCOUNT NUMBER 200 141 805

PLEASE CONTACT MARC ZS6HZ AT zs6hz@pixie.co.za OR TEL. +27 11 444-
0444, FAX +27 11 444-0459 WITH CARD NUMBER AND EXPIRATION DATE,
OR BANK XFER DETAILS.

REGARDS,

MARC ZS6HZ

1468. Re: RFI in Toyota 4Runner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Steve Siegel <SteveS@clark.net>
Message-ID: <31805740.31CD@clark.net>
Source record: 202105

ga19989@evax01.d51.lilly.com wrote:
>
> About to buy a new support bracket for my Icom 706 in the form of a Toyota
> 4-Runner. Anybody out there with a 95 or 96 4Runner running HF and VHF mobile?
> What problems or successes? Short of jury-rigging the 706 into the vehicle and
> plopping a magmount HF antenna on the roof before I sign on the dotted line,
> what bands might provide a problem for the internal Toyota computer?
>
> Thanks in advance
>
> Mel, KJ9C
> mjc@lilly.com

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Used the remote kit and mounted the display on the steering column. I used a
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passenger door. I can reach out the drivers windows to fold the ant. over
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The 4Runner is the V6 with EFI. The computer is mounted behind the front
passenger kick panel. I've run the VHF on 50 watts with no EFI problems at
all.

Good choice in vehicles. I just hit 120,000 miles and still going strong.
****
73 de N3WUU Steve Siegel
*SteveS@clark.net *
****

1469. Re: Yaesu FT101 Mods/Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960426010244.20206C-100000@freenet2.afn.org>
Source record: 202106

On Thu, 25 Apr 1996, Mike Murphy wrote:
> >I have a Yaesu FT101 and would like information on the modifications
> >that can be done on this rig mainly with WARC bands. I am interested
> >in other mods too.
>
> Mike Murphy
> mikehv@tcp.co.uk

If you call Yaesu in Ca., they sell a service manual very reasonable.
In it is covered the mods, option adding, and adding freqs. - very
detailed.... A must if you want to get serious with any of the 101's.
Doesn't cover the ZD's Mark II or III's - just the E, EE, EX & F series.
I think I paid $25.00 for mine 15 years ago an wouldn't sell it for a
$100. Fixed many a 101 with it not to mention put them back to Ham use
after being on CB band... A very complete service manual... Good luck.
De Tom
73

1470. Info on Siltronix Linear LA-600.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4lpqdp$hbs@coranto.ucs.mun.ca>
Source record: 202107

Need info on a Siltronix LA-600 linear 10 or 11 meter amplifier.
Would SAMs have any info on it? What is the power rating on
this linear? How old is it? Is Siltronix's still around?

1471. FS -- KINGS PJ-068 MICROPHONE PLUGS << the REAL thing >>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Apr26.010958.118647@kuhub.cc.ukans.edu>
Source record: 202108

:::::::::::::::: KINGS PJ-068 MIC CONNECTORS ::::::::::::::::

New original PJ-068 microphone plugs manufactured by
Kings Electronics.

These are the MIL-SPEC mic connectors supplied as original
equipment to the military and Collins Radio.

Why buy a cheap copy when you can have the real thing
for the same price?

Fits Collins, Drake, and others that specify a .206"
3-conductor phone-type mic plug.

These plugs retail for about $14 + postage (if you can
find them!)

My price: $7.50 each (I pay postage)

::

1472. 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: mouer@mail.ameritel.net
Message-ID: <41a7cc$335a.183@NEWS>
Source record: 202109

I have an HTX-202 (1 watt low, 5 watt hi).

I am looking to get a 5/8 wave mag mount ant. but I don't know which one I should get. Maybe even a 5/8 @ RadShak would be enough, I don't know and that's why I'm posting this here.

1. What I want/need to know is does MFJ, Larsen, and RS ants have magnetic mounts (~5" dia) that would allow me to exchange the 5/8 with a 1/4?

2. Which would you recommend? What would you say is the "quality/$" index?

3. What is the gain on a 1/4 and a 5/8 wave?

3. Are these calculations correct...(assume P_in = 1 watt)

3dB Gain: 10*log(Power Gain) = dB
==> P_out = P_in * 10^(3/10)
P_out = 1.99 watt

6dB Gain: 10*log(Power Gain) = dB
==> P_out = P_in * 10^(6/10)
P_out = 3.98 watt

Any info is appreciated.
Thanks.

-Dan.

1473. Re: Eartalk speaker mics for HT's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1996Apr26.082041.21107@grian.cps.altadena.ca.us>
Source record: 202110

cerebus@gate.net (Lon Lentz) writes:

>hberg@uiuc.edu (Steve Hilberg) wrote:

>>I'm interested in obtaining an external mic for my HT, and I'm seriously
>>considering an ear mic.
>> Has anyone had any experience with either
>>of these products - pro or con? Thanks.

> My experience with these, on the receiving end, is that while they
>work pretty well, they give the transmitter a muffled sound.

And they are totally useless if you have the sniffles, a cold or the
flu.

For best results have an ear mold made by a good hearing aid shop. The
comfort level is much improved.

And after you get comfortable with it, and build yourself a pendant-
style PTT button to drop down your jacket sleeve, you'll get strange
looks if you go to the airport, wearing a suit with the HT on your
belt and with an american flag lapel pin.
Standard question from security: "Who is coming in today?".
Standard answer: "If you needed to know, you would".

--
Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
Looking for CDA-banned material? Try the bible: Genesis 19:30-38,
or Ezeikel 23:20.

1474. Expansion cards for FR101S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: "J.D. Taliaferro" <talia@use.usit.net>
Message-ID: <3180E88E.31B6@use.usit.net>
Source record: 202111

Greetings,

I'm looking for the expansion cards for an FR 101-S. Thereare three of them: The FM card, Yaesu# PB-1269; the 6 meter card, PB-1305; and the 2 meter card, PB-1306.

Please send any info as to where I could find them, price, etc.

I can be reached as follows: day 901-427-4774, night 901-658-9471
Email: talia@use.usit.net

Thanks for your assistance,

J.D. Taliaferro, KE4RKI

1475. Re: Saturn 6 tuning - HELP!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: kleerdex@epix.net
Message-ID: <4lqndd$jfm@guava.epix.net>
Source record: 202112

In article <8BF5277.01A6001661.uuout@grinder.com>, darryl.linkow@grinder.com (DARRYL LINKOW) says:
>
>
>Hello all and thanks for reading this. I just acquired an old
>Saturn 6 antenna and am having a difficult time getting the SWR
>down below 2.5 to 1. I am using the MFJ-259 analyzer. I am just
>curious if perhaps part of the antenna is missing? There are two
>screws attached to a piece of phenolic board. I have attached the
>shield and center conductor of some RG-58 coax to these screws as
>the feedpoint. I am just curious if perhaps there is a tuning
>device (other than the capacitor plate adjustment) or a balun that
>should be connected to these screws on the phenolic board that
>might be missing? Also, might anyone have an instruction sheet or
>manual that came with the antenna that I might get a copy of? Any
>help would be appreciated.

The Saturn-6 antenna, also called the Halo as I recall, had an optional impedance-matching transformer that mounted at the feed area. It attached to the screws you mentioned and had a SO-239 coax fitting on the bottom. Alternatively, the antenna came with instructions for fabricating an impedance-matching balun out of RG-58 coax. Alas, I cannot recall the details (perhaps someone else will?) but you made a "Y" of a certain length and dropped the cable assembly down the mast.

I carried such an antenna on the back of 2 different cars for years and used a much-modified Heath Sixer as a mobile rig before 2mFM was popular. Always got strange looks with that birdcage affair... some thought it was some sort of radar!

=Vic=
WA4THR

1476. Mod for TM 255 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: jyfourri@grincheux_12.univ-lr.fr
Message-ID: <4lqpua$9gf@hpuniv.univ-lr.fr>
Source record: 202113

Hello , i am looking for mod in TM255 (full coverage and secret functions

Thanks for you reply
F1DOQ Dominique IOTA 032

1477. Re: Want to Buy Kenwood IF-10C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: p05328@email.mot.com
Message-ID: <1996Apr26.140808.18780@schbbs.mot.com>
Source record: 202114

In article <317E8889.4D1A@tcd.net>, garyzab9@tcd.NET (Gary Zabriskie) wrote:
>I am desperately looking for a Kenwood IF-10C for use with my Kenwood
>Ts-140S. I would like to use computer control of functions in the radio.
>
Gary, I'm in same boat. I can tell you one thing NOT to bother with - don't bother contacting Kenwood Customer Service. They will just tell you to buy a new Kenwood radio. I'll contact you off line if a schematic i'm expecting comes through.
73
Bill, W7JSW

1478. Int vs. ext antenna tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Nat Davis <ndavis@vt.edu>
Message-ID: <4lqhfc$b3f@solaris.cc.vt.edu>
Source record: 202115

I'm considering a new HF rig and was wondering about internal versus
external antenna tuners...

Internal ones are "automatic" and would seem to be very convenient.
When an "added" cost to the basic rig, they seem to be less $$ than
external ones.

Are external tuners more versatile -- handle wider SWR ranges or power
for example? Not that I plan on changing rigs often, but it would seem
that an external one might be more cost effective in the long run
when it can be used with several different rigs.

Bottom line is: in terms of performance and cost, which is my best bet?
If you like externals, any favorite brands/models (I do not anticipate running
a linear amp)?

Thanks for you input.

Nat Davis
N4BTO

1479. Re: Looking for info on numerology

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Dave Benzel <benzel1@llnl.gov>
Message-ID: <4lqv6t$lsn@lll-winken.llnl.gov>
Source record: 202116
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.appalachian,alt.binaries.clip-art,k12.ed.music,alt.consumers.sweepstakes,sci.numerology

Hi John.

Numerology is where you find it!

Examining the numbers listed in the "Organization" heading of your original posting, we find highly relevant information!

the numbers are: 800.444.1458

Obvioulsy the 800, being the prefix of toll free calls, doesn't count.

The 444, on the other hand, is VERY inportant. Note that each number in 444 is exactly 2 away from each number in 666!

The last sequence of numbers also contains meaning. add: 1+4+5+8 and you get 18. Note that the 1458 could be viewed as the first in the sequence of numbers, when read backwards. You can therefore add another 1, ending up with 19.

So we have a as a result the number 2, and the number 19, which, when interpreted as the positions of letters in the alphabet, give you BS, perhaps the most important thing that can be said about numerology!

dB

1480. Re: Wanted: Manual for HTX-202 Radio Shack 2m HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: jafl@msg.ti.com
Message-ID: <4lqtbh$3a8@mksrv1.dseg.ti.com>
Source record: 202117

For ANY Radio Shack manual, all you have to do is go into any
Radio Shack and order it. The manual will be shipped to you in 3 to
7 days.
W0oog/5

In article <4ldn8p$6ia@news.onramp.net>, kc5ejk@onramp.net says...
>
>Seems to me I saw a posting that said the Manuals are
>on the TANDY www site.
>
>73
>
>

1481. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4lqsda$1bcg@chnews.ch.intel.com>
Source record: 202118

In article <4llh80$oi1@tesla.netline.net>,
Burch Akin <burch@netline.net> wrote:
>Cecil Moore <kg7bk@primenet.com> wrote:
>
>>Hi Burch, wonder how you would feel if each for sale posting cost
>>you ten bucks?
>
>First of all, if you pay $10 for each for sale posting, you need to
>get another internet provider because you are getting ripped off..

Hi Burch, I never said I pay $10 for each for sale posting - just wondered if you would change your attitude if they cost *you* $10 each. Because of where he lives, my dad has to pay long distance telephone rates to download this group at 1200 baud. How do you think he likes paying for for-sale postings out of his social security check?

>Most people don't have a clue about how newgroups are distributed
>throughout the internet and this is definately not the place to
>discuss it.

Then how do you propose to educate ignorant posters? IMHO, for sale postings on this group are like fleas on my dog. It's a dirty job, but someone has to do it. For sale postings to this group are absolutely against the guidelines and supporting violation of the guidelines is destructive. This newsgroup can easily be killed by for sale and binary postings. Such acts are similar to interference on the air by hams who transmit before they listen.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1482. Re: icom ic-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4lqq3d$71m@itnews.sc.intel.com>
Source record: 202119

tom <kbs@powertech.no> wrote:
>I`m looking for an opinion of the large-signal capabilities of the
>ic-706, espesialy on 80/160mtrs.

Hi Tom, IMO the only advantage my IC-706 has over my IC-725 on HF
is size. It is inferior to my IC-745 across the board.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1483. Icom Z1A Out of Band Mod - Sensitivity in 800Mhz Range?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: vannossc@ipssmail.sch.ge.com
Message-ID: <4lr1hf$o5n@crdnns.crd.ge.com>
Source record: 202120

What's been generally the case with this out-of-band mod for the Z1A? I can't seem to pick anything up in the 800mhz range so far. Any ideas?

Scott

1484. FS or Trade: Toshiba Laptop

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: mwatt@tfs.net
Message-ID: <3180cc08.33783862@news.tfs.net>
Source record: 202121
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap

I have a Toshiba T-1900 laptop, grayscale b/w screen, brand new battery, 486, 4 meg RAM, 200 meg HD (uncompressed -- 360 compressed), 14.4 fax/data PCMCIA modem, charger and carrying case (Targa). I'm looking to swap for a clean TS-50 or similar mobile HF rig. Also have an external monitor/keyboard/Microsoft mouse, and Epson Stylus 400 ESC/P2 Inkjet printer that I can throw in for an HF/VHF all-mode mobile ICOM IC-706. Manuals for the computer, and the card manager software, are included.

Being an apartment dweller, would really like to go compact HF. Personal delivery can be arranged throughout the midwest and southeast (I'm in Kansas City, and for the next month or so will still be travelling through Missouri to Western Tennessee. Iowa, Southern Nebraska, Western Kansas, Eastern Oklahoma -- including OKC -- East and Northwest Arkansas, Western Kentucky, Middle Tennessee, North Mississippi, Northern Alabama are all potential areas for delivery, on my schedule!)

This computer is in excellent condition, and was used both on the road and as a primary home computer with the accessories. Reason for trade: got a new pentium at home, and have little need for mobile computing anymore.

Address/Phone number will be given out by private e-mail only, for serious inquiries. Cash price would be $950 for the laptop, $1,250 with the external accessories.

Thanks,

Marty KN4BH/0
Overland Park, Kansas

1485. FS. COLLECTORS MORSE KEYS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: marc lurie <marc.lurie@pixie.co.za>
Message-ID: <4lr2ku$m4o@hawk.pix.za>
Source record: 202122

HELLO THERE,

I HAVE AVAILABLE SEVERAL MINIATURE MORSE CODE KEYS. THEY
WERE MADE IN FRANCE FOR THE SOUTH AFRICAN MILITARY. THEY ARE
MADE OF CHROME PLATED BRASS ON A BLACK PLASTIC BASE, WITH A
MILD STEEL SLIDING COVER.

THESE KEYS ARE PERFECT FOR FIELD DAYS AND QRP EVENTS. THE
COST IS ONLY US$20.00 PLUS US$3.00 FOR AIR POSTAGE.

PAYMENT CAN BE MADE BY VISA OR MASTERCARD, OR BY BANK
TRANSFER TO:

LIEBERMAN AMATEUR RADIO (PTY) LTD
STANDARD BANK OF SOUTH AFRICA
BERGVLEI BRANCH (CODE 00 88 05 03)
ACCOUNT NUMBER 200 141 805

PLEASE CONTACT MARC ZS6HZ AT zs6hz@pixie.co.za OR TEL. +27 11 444-
0444, FAX +27 11 444-0459 WITH CARD NUMBER AND EXPIRATION DATE,
OR BANK XFER DETAILS.

1486. Re: Mobile Installation

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4lr7up$h8k@nadine.teleport.com>
Source record: 202123

joep@jersey.net (Joe Poulshock) wrote:

>If this is not the correct newsgroup for this question, please suggest
>another.

>I have an Icom IC-28H which I would like to install in my '93 Nissan
>Stanza.

>1) Will the RF cause any problem with the car's computer chip? It
>looks like the chip is installed just to the left of the drivers left
>foot in the chasis wall. (my guess)

>2) Does any one know how to get power to the transceiver. I checked
>almost every inch inside the car and could not find wires of heavy
>enough guage to use. I tried fishing a cable thru the firewall (to
>connect directly to the battery terminals), but gave up after about 2
>hours search looking for a hole I could use.

>I successfully installed the ICOM in my previous car which was a '87
>Honda Accord.

>Any help or suggestions would be appreciated.

>Thanks,
>Joe, NU2H

>--
>+----------------------+---------------------------------+
>|Joe Poulshock | joep@jersey.net |
>| | http://www.jersey.net/~joep |
>+----------------------+---------------------------------+

I can't speak for the cars chip, but I have had good luck fishing
power cables through most vehicles using the rubber boot which
surounds the steering column. I poke a small hole throught the rubber
and push everything through the hole. This includes one pair of 12
gauge wires and two coax feedlines. I've done this on three
different vehicles of mine with no ill effects from water.

Make sure your cables and other connectors are well clear of any
moving parts around the steering wheel!!!!!!!!!!!

1487. RS-232 to TTL converter cables available

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: sims@dduck.acsys.com
Message-ID: <slrn4o260l.3tl.sims@dduck.acsys.com>
Source record: 202124

RS-232 to TTL converter cables are now available. These cables are
the same cables that are included with the EZ Clone software for
programming amateur radios. These general purpose cables can be used
for connecting computers with serial ports to electronic circuits and
devices with TTL interfaces. The cable can also be used for other
radio programming uses.

More info at http://www.acsys.com or sales@acsys.com

--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com - EZ Clone, software for programming amateur radios

1488. Re: Seeking Dead Yaesu FNB-31 Battery

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: pkpatrick@aol.com
Message-ID: <4lravd$bco@newsbf02.news.aol.com>
Source record: 202125

I've got a FT-51 too. I'm thinking of making my own adapter(s).
1. Save $35 bucks :)
2. Hook to my standard connection that I use with my moblies and home 13.8V power supply.
3. Adapt to the bottom of my small battery and fit into my small case. (So I dont have to take the case on and off.)
4. Possibly anougther connector to charge from supplied wall charger.

I've discovered the "cigar to cup" adapter is a filter, fuse, and trickle charger. My tests show it droping the voltage by exacly 1 Volt. Maybe the current is regulated into the batterys charge conections, I don't know. I do belive the battery's have current and heat protection.
My theory is Yaesu did'nt put an easy 12V connection on the unit due to size and the use of smaller (less voltage needed) batterys.
What do you think?

1489. FS:Polarad Microwave Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: zact@visi.net
Message-ID: <4lqled$2vu@madrid.visi.net>
Source record: 202126
Cross-posted to:
misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.repair,rec.radio.amateur.equipment,rec.radio.swap

I have a Polarad Microwave signal generator New in the box with
manuals & probes. asking $500.00 OBO call John at (804) 340-7685 or
e-mail zact@visi.net
Email me at zact@visi.net

1490. Icom IC-745 mod for computer control?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: tquayle@buttenet.COM
Message-ID: <318135FE.57C7@buttenet.com>
Source record: 202127

```
Hello:
Do any Icom users know if there is a mod from Icom to allow RS-232
interfacing with the Icom IC-745 HF transceiver?
Thanks - TQ in MT
```

1491. FS: Halicrafter SX28

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: gwittig@microsys.net
Message-ID: <4lr6sh$23o_001@news.ni.net>
Source record: 202128

Great working cond with rare original manual best offer.
Greg Ca. Local pickup 80 pounds

1492. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4lrdan$3n0@crash.microserve.net>
Source record: 202129

wargocki@ultranet.com (Frank Wargocki) wrote:

>As I recall, thinking back a few years: The EE model lacked some of
>the E's features, such as the RF processor, some of the 10m segments,
>and the 160m band.

At the time my EE was produced, the only difference between the E and EE was the speech processor. Frequency coverage was exactly the same (my EE had 160M and all of 10M). My unit was not modified and the coverage and features were (are) verified by the owner's manual.

>The earlier E's did have 11m capability (when the wire was clipped)
>and the FCC clamped down on Yaesu and required them to remove the
>11m circuitry in later E models, allowing the addition of a user-set
>auxiliary band. Yaesu eventually called the non-11m version the
>FT-101F, one of which I still use.

Someone wrote me in e-mail to say that their EE also had 11M on the bandswitch. However, my late model EE definitely did not. So, you are obviously right. There must have been a change in the 11M coverage of the E and EE models sometime during the production run that did not result in a model number change. This would explain the confusion on this point.

Do you know if there were any differences between the late model E and the F versions other than the model number?

73,
Jack WB3U

1493. Re: Icom Z1A Out of Band Mod - Sensitivity in 800Mhz Range?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: jimf@zoinks.corp.sgi.com
Message-ID: <4lr45k$n7d@murrow.corp.sgi.com>
Source record: 202130

In article <4lr1hf$o5n@crdnns.crd.ge.com>, vannossc@ipssmail.sch.ge.com (Scott Van Nostrand) writes:
|> Organization: GE Power Systems
|> Lines: 7
|> Message-ID: <4lr1hf$o5n@crdnns.crd.ge.com>
|> NNTP-Posting-Host: vannossc.sch.ge.com
|> Mime-Version: 1.0
|> Content-Type: Text/Plain; charset=US-ASCII
|> X-Newsreader: WinVN 0.99.7
|>
|>
|>
|> What's been generally the case with this out-of-band mod for the Z1A? I
|> can't seem to pick anything up in the 800mhz range so far. Any ideas?
|>
|> Scott
|>

This mod requires two parts. The first is to remove a resistor(s) I think (it has been a while since it did it). The second is to install two chip transistors that must be ordered from ICOM. Without those transistors you will receive nothing at all in the 800 MHz band. So if you did not install the transistors, it is acting just the way it should.

As a note, I've been waiting MONTHS for a service manual so I can spot the location for the stupid transistors. The mod book I paid so much for (Radio/Tech Modifications) isn't worth squat for trying to lcoate the boards and locations for surface mount components.

Jim
KF6AGJ

1494. Re: Int vs. ext antenna tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: FCFB17A@prodigy.com
Message-ID: <4lrded$lv0@usenetw1.news.prodigy.com>
Source record: 202131

Hi Nat. An internal tuner will be fine if you are going to be using a fairly resonant antenna (say 3:1 or less) all of the time. External transmatches will give you - greater matching range, swr and power meter, built in antenna switches, and biult in balun usually if you are going to use ladder line for antenna feed. If you are going to use an external amplifier then you obviously must use a suitable transmatch. Some also have built in dummy load which may or may not be useful to you. I like one to tune up my Drake and Collins rigs without having to qrm anyone. I have owned to MFJ's and can NOT recommend that brand anymore due to problems I have had with both of them. I currently use the MFJ Versa Tuner V and found that the body the the roller inductor is on has MELTED at the far end toward the back of the tuner and I have never run more than 1000 watts on ssb - one third of the so called rated power of this transmatch. I don't know what else to recommend as of now except for the Nye Viking MBVA, but it is a $750 unit. I would like to hear from anyone who has used the Vectronics/Tucker brands and have examined them as to consruction/component quality. I bet they cant be any worse than what I have experienced with MFJ, and their prices don't seem much more. Hope I helped and good luck! --- Steve N9ROU

1495. Re: Baycom and macintosh

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: crowe@geovax.geo.wvu.edu
Message-ID: <DqGzzM.94x@cerc.wvu.edu>
Source record: 202132

In article <4lok8k$bpa@s2.asi.fr>, fbonnet@zen.dedal.fr.net wrote:
>
> Hi, I would like to know if its possible to connect a baycom on a
>macintosh powerbook 5300 ?
>Is there any program to run it under MAC OS.
>
>Is there any program for 'real' tnc ???
>
>Thanks
>73 de Francois F1ITT
>
>
Not being a macintosh user, I really don't follow up on MAC software much, however I seem to recall an article a couple (maybe as much as 3) years ago about that subject. Of course it would have been targeted to a MAC Clasic or something like that, however it still may work, or something similar will, on your powerbook.

Good luck...

Randy N8OZY

1496. MORSE2 HARDWARE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: "C.J. Luke" <cj@totcon.com>
Message-ID: <31811B43.46D9@totcon.com>
Source record: 202133

I have recently down-loaded the morse2.zip files from www.cdrom.com. The program makes reference to input/output to your rig but there is nothing about the hardware. If anyone knows where to find the info for building this peice of equipment I would appreciate it if you would email the info or source to me.
cj@totcon.com

Thanks

1497. Re: RS HTX 242 Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Bob Winingham <kc5ejk@onramp.net>
Message-ID: <4lr2vp$9j7@news.onramp.net>
Source record: 202134

>Does anyone know if the RS HTX242 can be modified

You might be able to do a ROM change and make it a HTX-212 :-)

1498. Great Commercial Omnidirectionals?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Rich Fortnum <fortnum@pints.com>
Message-ID: <31813F38.28DC@pints.com>
Source record: 202135
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Anybody know of any great multiband omnidirectional antenna's? =

Perhaps around 100 watts.

Cheers.
-- =

Rich Fortnum (aka BeeRich)
F&M Breweries
Guelph, Ontario
fortnum@pints.com / http://www.pints.com/pints/index.html
Renaissance Brewers of Fine Ales and Lagers=99
VA3 RFZ

1499. Re: HAM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: NewsBoy! <103123.1142@CompuServe.COM>
Message-ID: <4lrl2j$rs2$1@mhadf.production.compuserve.com>
Source record: 202136

This was really damn weird....

--
"I am personally responsible for the agony of Christ"
"I am personally responsible for the agony of Christ"
"I am personally responsible for the agony of Christ"
"I am personally responsible for the agony of Christ"

1500. Need copy of Manual for R.L.Drake SSR-1 reciever

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: history67@aol.com
Message-ID: <4lroc8$gmc@newsbf02.news.aol.com>
Source record: 202137

can you help? I need a photocopy fo the users manual for the R.L.Drake ssr-1 general coverage reciever. Please E-Mail History67@aol.com if you know where I might find one .$

Thanks

Sean N1WSC

1501. How can I adjust the LCD contrast of FT-51R ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: itsa11@itsd.gcn.gov.hk
Message-ID: <3180EBC8.6967@itsd.gcn.gov.hk>
Source record: 202138

How ?

1502. Re: Int vs. ext antenna tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4lrvjt$j7a@nnrp1.news.primenet.com>
Source record: 202139

FCFB17A@prodigy.com (Steven Umbach) wrote:

>External
>transmatches will give you - greater matching range, swr and power meter,
>built in antenna switches, and biult in balun usually if you are going to
>use ladder line for antenna feed.

Hi Steve, it is hard for me to believe that anyone who reads this
newsgroup is using the built-in balun to feed other than the
characteristic impedance of the ladder line. If one is running
anything other than a characteristic impedance resistive load,
like a non-resonant length antenna, one should not be using the
built-in balun in an unbalanced antenna tuner. To advocate such
is simply bad advice.

73, Cecil, KG7BK, OOTC

1503. FS: 40 Meter Kit for A4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: "alt.radio" <102745.360@CompuServe.COM>
Message-ID: <4lrl1v$oo5$1@mhafn.production.compuserve.com>
Source record: 202140

Brand new in box, never opened. $100. Jeff/WB3DLG

1504. FS: MFJ Electronic Keyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: "alt.radio" <102745.360@CompuServe.COM>
Message-ID: <4lrl3u$oo5$2@mhafn.production.compuserve.com>
Source record: 202141

New, in orig box. $50. Jeff/WB3DLG

1505. DT600 RTTY Decoder Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: k1el@aol.com
Message-ID: <4lrsus$ib7@newsbf02.news.aol.com>
Source record: 202142

Back in Feb 1976 there was an article published in Ham Radio Magazine
about an RTTY demodulator called the DT600. Boards could be purchased from
a company in Florida called Data Technology Inc. I am looking for someone
that purchased the board and has the schematics and could make a of copy
of them for me. I have all the documentation except for the schematics.
Thanks es 73s de Steve K1EL

1506. Sask. / Packet / Internet Radio Amateur Swap & Shop

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Bruce Donovan <bdonovan@sasknet.sk.ca>
Message-ID: <318191D1.2E5@sasknet.sk.ca>
Source record: 202143
Cross-posted to: sk.forsale,can.forsale,edm.forsale,rec.radio.amateur.swap,rec.radio.swap,rec.radio.amateur.equipment

73 Bruce

SK/PACKET/INTERNET SWAP & SHOP, S=FOR SALE, W=WANT, BO=BEST
OFFER NEG=NEGOTIABLE

1. April 26, 1996 VE5ND@VE5LPM.#NESK.SK.CAN.NOAM
bdonovan@sasknet.sk.ca

OP CALL NAME QTH PHONE DATE
ITEM

==========
==========
S VE8MN MATT SASKATOON 374-9527 02/24/96
AMP> FL2100B WITH 4 SPARE 572'S ($750)

S VE6BV HELLMUTT CALGARY 403-279-9153 03/15/96
AMP> HENRY 2001 TABLE TOP AMP 1.25 KW, 8874 TUBES ($750)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
ANT T1> TELEX HYGAIN TH7DX 7 ELEMENT ANTENNA, W 73 FOOT TRYLON
TOWER

S VE5YK SYL STOON ESTATE SA CONTINUED 04/26/96
ANT T2> HAM M ROTOR, YOU TAKE DOWN (OFFERS)

S VE5YJ BEN MOOSE JAW 693-4214 03/07/96
ANT> AUTO TENA MOBILE HF FOR 80, 40, 20, 15, 10 LIKE NEW ($100)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
ANT> HYGAIN MOBILE HEAVY DUTY ANTENNA W MAAST, 20 & 80M RES
($75)

S VE8MN MATTHEW SASKATOON, SK 374-9527 03/08/96
BALUN> 3000 CURRENT BALUN ($50)

S VE7TMA TOM COURTENAY 604-337-5577 04/26/96
BRIDGE> MFJ202B HF ANTENNA NOISE BRIDGE ($50)

S VE7TMA TOM COURTENAY 604-337-5577 04/26/96
BRIDGE> MFJ204B ANTENNA BRIDGE W MANUAL, ORIGINAL BOX ($65)

S VE5AAT JOHN MOOSIMIN 438-3747 04/26/96
CHECKER> MICRO DYNAMIC TRANSISTOR CHECKER ($25)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
CITER> MULTI -ELMAC TRANS CITER AF-67 (OFFERS)

S VE5GZ GARY OGEMA 459-2872 04/07/96
COUNTER> HEATHKIT FREQUENCY COUNTER WITH MANUAL ($40)

S VE7AIO STEVEN CLEARBROOK 604-853-8453 04/05/96
DSP> DSP SPEECH PROCSESSOR IN EXCELLENT CONDITION ($300)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
DUAL> YAESU DUAL BAND 2M FM FT-5100 ($450)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
DUMMY> MFJ MODEL 262 DUMMY LOAD 1000 WATTS ($60)

S VE5GZ GARY OGEMA 459-2872 04/06/96 HF
D1> DRAKE TWIN B SERIES, AC4 POWER SUPPLY, MANUALS

S VE5GZ GARY CONTINUED 459-2872 04/06/96 HF
D2> ELECTRO VOICE DESK MIKE, EXTRA CRYSTALS ($500)

S VE4UX BILL WINNIPEG 204-774-0483 04/06/96 HF
T1> TS 520 W MATCHING SPEAKER, MATCHING EXT VFO, ALL NEW

S VE4UX BILL CONTINUED 204-774-0483 04/06/96 HF
T2> 10 YRS STORED, NO SCRATCHES, TRADE FOR TNC +$ ($450)

S VE4XR GEORGE WINNIPEG 204-268-4328 04/04/96
HF>IC-R7000 W EX-310 SPEECH SYNTH, MINT, MANUALS, ORIG BOX
($1600)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
HT> FT 411E HT, W CHARGER AND MANUAL ($250)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
HT> IC-02AT HT W MIC, 2-13.3 VOLT BATT., & CHARGER ($275)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
IC-751 ICOM HF RIG ($950)

S VE5IN IKE ROSTHERN 232-4955 03/28/96
LINEAR> FL 2100B (OFFERS)

S VE6BV HELLMUTT CALGARY 403-279-9153 03/15/96
LINEAR> TWO FL2100B, FINAL TUBES GOOD SHAPE ($500)

S VE5PWO PAUL PREECEVILLE 547-3460 02/24/96
PAC> 1 WR 155 RADIO GOOD FOR PACKET ($30)

S VE5PWO PAUL PREECEVILLE 547-3460 02/24/96
PAC> 2 PYE AND COMM 25 RADIOS FOR PACKET USE ($30)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
PATCH> ICOM PHONE PATCH ($50)

S VE7DMO GLEN GOLDEN 604-344-5729 03/21/96
PATCH> YAESU LANDLINER PHONE PATCH ($75)

S VE5ROS ELDON ROSTHERN 232-5401 03/08/96
PRINT> EPSON FX 100 WIDE CARRIAGE 9 PIN PRINTER ($75)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
PS> ELMAC PS 2V PS (OFFERS)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
PWR SPLY> IC-P530 POWER SUPPLY ($150)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
RCVR> MOSLEY CM-1 RECEIVER W SPEAKER, WORKING ORDER (OFFERS)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
SIGNAL> SA-10 SOLID STATE STEREO AMP. 12 WATTS ($20)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
STATION> IC-751, TUNER, PWR SPLY, PATCH ALL FOR ($1300)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
TESTER> TUBE TESTER & BOX OF TUBES, SPECIAL DEAL! ($10)

S VE5SF SAM REGINA 789-7866 03/15/96
TUBES> 4-100'S, 4-125A'S, 4-400'S, CONTACT FOR PRICE

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
TUNER> IC-AT 500 HF FULL AUTO ANTENNA TUNER ($250)

W ------- ---------- WANTED ------- ------------ / /

W VE5RP PERCY SASKATOON 668-4619 03/03/96
6M> 6 METRE MODULE FOR FT 726R

W VE6VHS HERMAN EDMONTON 403-451-3568 04/05/96
ANT> 5/8ths ANTENNA FOR 2M RIG, CAN CALL COLLECT

W VE6MV DENNY CALGARY 403-236-9318 04/05/96
CABLES> DC POWER CABLES FOR ICOM OR KENWOOD, CALL COLLECT

W VE5DZ JOHN BIRCH HILLS 749-3115 03/15/96
CORD> POWER CORD FOR FL 110 YAESU LINEAR AMPLIFIER

W VE5QY CLIFF MOOSE JAW 692-1095 03/08/96
METER> SWR WATT METER FOR 2 METRES

W VE6OPR FRED DRUMHELLER 403-823-7952 04/05/96
MOUNT> BUMPER MOUNT FOR HUSTLER 20 & 80 HF ANTENNA

W VE5YC TERRY DALMENY 933-4752 03/21/96
ROTATORS> OLD ANTENNA ROTATORS

W VE6BCA BRIAN EDMONTON 403-489-0189 04/06/96
ROTOR> MEDIUM DUTY ANTENNA ROTOR & CONTROL PREFER WITH BREAK

W VE6XF DON RED DEER 403-341-6071 04/26/96
SCHEM> SCHEMATIC OR MANUAL FOR MFJ 941B TUNER, CAN CALL COLLECT

W VE6WAD WILF WETASKWIN 403-352-7843 04/26/96
SOFTWARE> FOR IBM FOR AEA COMPUTER PATCH OR INTERFACE CP-1

W VE5RC BRUCE REGINA 584-2059 04/26/96
TNC> TINY 2 OR KPC-E TNC email rattray@siast.sk.ca

W VE5ERL EARL REGINA 543-8397 03/08/96
TUNER> AT 230 KENWOOD TUNER

W VE5JON JOHN GRENFELL 04/26/96
USED HANDHELD, CAN CONTACT VE5KF KEN

1507. Wanted: Kenwood TH-75 batteries (dead or alive) and gear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: nitrateboy@aol.com
Message-ID: <4ls3oe$kne@newsbf02.news.aol.com>
Source record: 202144

Just found a TH-75a at a pawn shop for a steal but need the stuff to make it go.

Help me please.

1508. Want: Cushcraft DX-120 2 Meter Antenna All or Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: larrys73@txdirect.net
Message-ID: <3180f2a6.2778564@news>
Source record: 202145

I am in need of parts and pieces of the CushCraft DX-120
2 meter antenna. Would like to find some complete antennas
still in the box, but can use parts and pieces, let me know
what you have. Thanks!
Larry WA5NTF

1509. FS: KENWOOD TH79A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Ian Tathum <iantat@ix.netcom.com>
Message-ID: <01bb33ba.4dbbaf60$53fd1fcc@#iantat>
Source record: 202146

1EA TH79A DUAL BAND HT 2M/440
1EA HT HIGH GAIN 2M/440 ANT
1EA HIGH PWR BATTERY
1EA STANDARD BATTERY
1EA CIG ADAPTER
1EA STANDARD CHARGER
1EA QUICK CHARGER
CHARGES 2 BATTERY AT A TIME
1EA MANUAL

RADIO HAS EXTENDED RECIEVE & TRANSMIT EXCELLENT CONDITION.

$525.00

EMAIL IANTAT@IX.NETCOM.COM
MESSAGE @ 213-753-6696

1510. FS:Kenwood TS140 HF XCVR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: billh@gn2.getnet.com
Message-ID: <4ls0ig$su9@news.getnet.com>
Source record: 202147

Mint condition TS-140S. Only reason I'm selling is it doesnt have
transvert connection I need. Price is $500 firm, includes
shipping inside US.
Bill Hosking W7JSW
billh@getnet.com

1511. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: rob@pe1chl.ampr.org
Message-ID: <DqHK50.4Cw@pe1chl.ampr.org>
Source record: 202148
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

In <4lmee0$s3b@news.sanders.lockheed.com> LLEDLOW <LLEDLOW@mailgw.sanders.lockheed.com> writes:

>I've used both the FT-736 and TS-790. I own the latter. Ergonomically
>it can be a bit difficult to get used to, but it's a good rig. The
>FT-736 is very goo, too, and perhaps easier to learn to use. Trouble is,
>it's more expensive.

Apparently pricing is different in the USA.
In Europe, a TS-790 is much more expensive than a similar FT-736 setup.
(two bands, mains supply)

Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen rob@knoware.nl | BBS: +31-302870036 (2300-0730 local) |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+

1512. Re: Swan 250 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: Bill Nadzam <nadzam@garlic.com>
Message-ID: <31810DA4.40F4@garlic.com>
Source record: 202149

There is a kit made by S & S Engineering. Cost is about $70
Or with case and all $100. This gives you the last 4 digits of the
frequency. So instead of reading 14.204.6 you'll see 204.6... Good enough.
Anyway this kit will work with any rig. S&S engineering can be called
at 1-301-416-0661

kc4gck@sunbelt.net wrote:

> I'm wondering if there is any sort of a mod or add-in
> available which would give me a direct digital frequency
> readout which could be installed in this venerable beast.

--

Name: Bill Nadzam "K8WN"
E-mail: nadzam@garlic.com (Bill Nadzam)

1513. Morse Keys Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-26 00:00:00 UTC
From: DL2DBX@t-online.de
Message-ID: <4lrm8v$jpi@news00.btx.dtag.de>
Source record: 202150

Hello,
I am searching for used Keys from all over the World.
(for using not for collecting - still doing CW HI)
please drop me a line at DL2DBX@t-online.de
73 de Michael

1514. FS Alinco DJ-120 2M HT $150

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: jfprice@SunBelt.Net
Message-ID: <4ltkoi$9rn@news1.sunbelt.net>
Source record: 202012

Hello, I have an Alinco DJ-120 2M HT For Sale. 10 Memories
5 Watts(Lo), 2.5 watts(Hi), DTMF Pad, Tone encode, With 2
7.2V batt Packs, Wall Charger, MFJ-283 Speaker Mic(Not
made for this radio but will work with proper connector
soldered on), and Cigarette lighter plug.

This radio is old but works well and was sent to Alinco last
summer for complete alignment, as well as replacing a bad cap
and BNC jack. It's had minimal use since then.

I'm asking $150 plus a few bucks for shipping.
Contact Jim - kd4zmi@kd4om.#hky1.nc.usa.noam or
reply via EMail. Thanks for reading....

1515. National HRO Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4ltnt8$2cv@news2.ios.com>
Source record: 202013

Still looking for an excellent to mint early National HRO. Please e-mail to let me know what you
have. Dick Doremus

1516. Support space- earn income

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: john_house@onet.com
Message-ID: <4ltkfk$6c@saturn.gssi.edu>
Source record: 202014
Cross-posted to: rec.arts.startrek.tech,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,school.subjects.science,sci.astro,sci.astro.amateur,sci.astro.fits,sci.astro.planetarium,sci.cryonics,sci.energy,sci.energy.hydrogen,sci.engr,sci.engr.biomed,sci.engr.chem,

```
Support the Space Program while you earn an income! For more info,
send e-mail to: spaceinfo-html@mars.ouspadev.com (HTML version) or
spaceinfo-text@mars.ouspadev.com (text version).
```

1517. Sur;lus Electronics and Radio Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: doej@cadvision.com
Message-ID: <4ltq1u$1hn6@rex.cadvision.com>
Source record: 202015

We are a retail hardware store that has dealt in government surplus equipment over the years. Recently, we have discovered hidden away a number of pieces of equipment dating from the war years and early 1950's a number of items of old radio and electronic equipment. Some of it came from the airforce and has RCAF markings. We are not all that familiar with this stuff but am told by local ham radio buffs that some of it is of interest. If you are interested in this type of old equipment I would be happy to e-mail you the list (with prices) on an excel spreadsheet. Our e-mail address is Ribtor@cadvision.com, or our mailing address is Ribtor, 318 11 Avenue S.E., Calgary, Alberta, Canada, T2V 2M7. My name is Joel Lipkind, have a nice day.

1518. TNX for opinion on IC-2000H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: Mike - KB9LPJ <imrikfam@win.bright.net>
Message-ID: <4lu2l9$i0g@bucky.win.bright.net>
Source record: 202016

Many TNX to all those replies on the reliability of the IC-2000H. From the messages I got, I think it is a good rig and that the majority of those who have it are satisfied. Again many TNX to all those who gave there opinion. 73's Mike

73's >> Mike de KB9LPJ

ax.25 --> KB9LPJ@KB9AMY.#NOWI.WI.USA.NA
Internet --> imrickfam@win.bright.net
TCP/IP --> [44.92.33.1]

1519. Kenwood 733 vs IC-2350 vs DR610?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: pmarkou@ferrets.zipnet.net
Message-ID: <4lu4rb$47h@news.zipnet.net>
Source record: 202017

I'm in the market for a dualband radio. I would like to hear any comments (both negative and positive) about ICOM, Kenwood and Alinco dualband radios. One point of interest is the intermod rejection comparison and receiver sensitivity.

Important options:
1) Crossband Repeat
2) 9600 Baud
3) DTMF memory

Thanks,
Peter

1520. Yaesu SpkrMic MH-12 Forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: ab403@sfn.saskatoon.sk.ca
Message-ID: <4lu54e$7g@tribune.usask.ca>
Source record: 202018

Yaesu MH-12 A2B speaker microphone, never used, for $55. Reply by e-mail.

1521. mailto:ham-equip@ucsd.edu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: ecv@sinnfree.sinnfree.ORG
Message-ID: <199604272309.SAA25634@sinnfree.sinnfree.org>
Source record: 202019

```
add ham-equip
```

1522. HTX-212 Modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: John Scheiwe <jscheiwe@tima.com>
Message-ID: <3182BE60.105F@tima.com>
Source record: 202020

Does any one have the mods for an HTX-212? This is a 45 watt mobile rig from Radio Shack. Thanks,

KB9LTI
John Scheiwe
Bedford, IN
jscheiwe@tima.com

1523. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <4lu6kp$a80@ram2.ramlink.net>
Source record: 202021

In message <4ls4t0$1fl@miwok.nbn.com> - Gary - KJ6Q <tech@thereporter.com>27 Apr 1996 03:39:12 GMT writes:
:>
:>"SPLATTER" annoys *YOU*? I am amazed you are able to find time to
:>operate, what with being so involved critiqing QST, covering your
:>(gasp!) "findings" here on the Internet - and finally "SPLATTERING" this
:>newsgroup with non-issues. Lighten up! We are duly impressed with your
:>powers of observation and ability to communicate - as well as your
:>generally broad scope of knowledge. Let's move on to more interesting and
:>appropriate subjects than QST's editing policies...

YOU are the one that needs to lighten up. Tom happens to be one of the top designers of amateur amplifiers and has turned around the product line of at least two manufacturers. For him to take the time to get on the 'net and discuss the issues concerning amateur power generation without the self-serving, advertising hype speaks very highly.

Any (all) ARRL members with any amount of technical smarts have the right to expect a high degree of accuracy and integrity in their membership journal. For the editors of _QST_ to permit the President of a tube manufacturer to use an aticle about the history of zero bias triodes to promote his company's (tetrode) products and bash his competitors' products (which he can't match) violates every principle of journalistic ethics ... particularly since the problem could have been avoided by simply cutting the last two paragraphs.

In any case, your personal attack on W8JI is out of place here.

--
73,
... Joe Subich, AD8I
(subich@ramlink.net)

1524. NEED FAST CASH? READ AND TRY THIS!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: yoon@csugrad.cs.vt.edu
Message-ID: <4luo5v$p6l@csugrad.cs.vt.edu>
Source record: 202022
Cross-posted to: alt.binaries.sounds.music,comp.databases.ms-access,comp.sys.mac.scitech,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.space,sci.nonlinear,soc.culture.austria,alt.sports.baseball.sf-giants,alt.fan.laurie.anderson,alt.asian-movies,alt.sports.baseball.cinci-reds,alt.sports.baseball.sd-padres,alt.sports.baseball.mn-twins,comp.databases.pick,comp.lang.sather,comp.os.ms-windows.nt.misc,soc.culture.venezuela

Hello! I've got some awesome news that I think you need to take two minutes to read if you have ever thought "How could I make some serious cash in a hurry???" , or been in serious debt, ready to do almost anything to get the money needed to pay off those bill collectors. So grab a snack, a warm cup of coffee, or a glass of your favorite beverage, get comfortable and listen to this interesting, exciting find!

Let me start by saying that I FINALLY FOUND IT! That's right! I found it! And I HATE GET RICH QUICK SCHEMES!! I hate those schemes like multi-level marketing, mail-order schemes, envelope stuffing scams, 900 number scams... the list goes on forever. I have tried every darn get rich quick scheme out there over the past 12 years. I somehow got on mailing lists for people looking to make money (more like 'desperate stupid people who will try anything for money!'). Well, when I was a teenager, these claims to 'get me rich quick' sounded irresistible! I would shell out $14.95 here, $29.95 there, $24.95 here, and another $49.95 there. I had maxed out my new Circuit City Card AND my Visa...I was desperate for money!! So, I gave them all a chance but failed at every one of them! Maybe they worked for some people, but not for me. Eventually, I just tossed that JUNK MAIL in the trash when I got the mail. I recognized it right away. I can smell a money scam from a mile away these days, SO I THOUGHT.... I thought I could sniff out a scam easily. WAS I WRONG!! ....I LOVE THE INTERNET!!!

I was scanning thru a NEWSGROUP and saw an article stating to GET CASH FAST!! I thought..."Here on the Internet?? Well, I'll just have to see what schemes could possibly be on the internet." The article described a way to MAIL A ONE DOLLAR BILL TO ONLY FIVE PEOPLE AND MAKE $50, 0000 IN CASH WITHIN 4 WEEKS! Well, the more I thought about it, the more I became very curious. Why? Because of the way it worked AND BECAUSE IT WOULD ONLY COST ME FIVE DOLLARS (AND FIVE STAMPS), THAT'S ALL I EVER PAY....EVER!!

Ok, so the $50,000 in cash was maybe an tough amount to reach, but it was possible. I knew that I could at least get a return of $1,000 or so. So I did it!! As per the instructions in the article, I mailed out ('snail mail' for you e-mail fanatics) a single dollar bill to each of the five people on the list that was contained in the article. I included a small note, with the dollar, that stated "Please Add Me

To Your List." I then removed the first position name of the five names listed and moved everyone up one position, and I put my name in position five of the list. This is how the money starts rolling in! I then took this revised article now with my name on the list and REPOSTED IT ON AS MANY NEWSGROUPS AND LOCAL BULLETIN BOARD MESSAGE AREAS THAT I KNEW. I then waited to watch the money come in...prepared to maybe receive about $1000 to $1500 in cash or so.... But what a welcome surprise when those envelopes kept coming in!!! I knew what they were as soon as I saw the return addresses from people all over the world -Most from the U.S., but some from Canada, even some from Australia! I tell you, THAT WAS EXCITING!! So how much did I get in total return? $1000? $5000? Not even!!! I received a total of $23,343!!! I couldn't believe it!!

I now have a brand new black Acura Integra to speak for, due to this!! Now after almost 8 months, I am ready to do it again!!! So maybe it was possible to get $50,000 in cash, I don't know, but IT COMPLETELY DEPENDS ON YOU, THE INDIVIDUAL! You must follow through and repost this article everywhere you can think of! The more postings you achieve will determine how much cash will arrive in your very own mailbox!! It's just too easy to pass up!!!

Let's review the reasons why you should do this: The only cost factors are for the five stamps, the 5 envelopes and the 5 one dollar bills that you send out to the listed names by snail mail (US Postal Service Mail). Then just simply repost the article (WITH YOUR NAME ADDED) to all the newsgroups and local BBS's you can. Then sit back and, (ironically), enjoy walking (you can run if you like! :o) down your driveway to your mailbox and scoop up your rewards!! We all have five dollars to put into such an easy effortless investment with SPECTACULAR REALISTIC RETURNS OF $15,000 to $25,000 in about 3-5 weeks! So HOLD OFF ON THOSE LOTTERY NUMBERS FOR TODAY,
EAT AT HOME TONIGHT INSTEAD OF TAKEOUT FROM McDONALDS AND INVEST FIVE

DOLLARS IN THIS AMAZING MONEY MAKING SYSTEM NOW!!! YOU CAN'T LOSE!!

So how do you do it exactly, you ask? I have carefully provided the most detailed, yet straightforward instructions on how to easily get this underway and get your cash on its way. SO, ARE YOU READY TO MAKE SOME CASH!!!?? HERE WE GO!!!

*** THE LIST OF NAMES IS AT THE END OF THIS ARTICLE. ***

OK, Read this carefully. Get a printout of this information, if you like, so you can easily refer to it as often as needed.

INSTRUCTIONS:

1. Take a sheet of paper and write on it the following: "Please add my name to your list". This creates a service out of this money making system and thus making it completely legal. You are not just randomly sending a dollar to someone, you are paying one dollar for a legitimate service. Make sure you include your name and address. I

assure you that, again, this is completely legal! For a neat little twist, also write what slot their name was in: "You were in slot 3", Just to add a little fun! This is all about having fun and making money at the same time!

2. Now fold this sheet of paper around a dollar bill ,(no checks or money orders), and put them into an envelope and send it on its way to the five people listed. The folding of the paper around the bill will insure its arrival to its recipient. THIS STEP IS IMPORTANT!!

3. Now listen carefully, here's where you get YOUR MONEY COMING TO YOUR MAILBOX. Look at the list of five people; remove the first name from position one and move everyone on the list up slot one on the list. Position 2 name will now move to the position 1 slot , position 3 will now become position 2, 4 will be 3, 5 will be 4. Now put your name, address, zipcode AND COUNTRY in position 5, the bottom position on the list.

4. Now upload this updated file to as many newsgroups and local bulletin boards' message areas & file section as possible. Give a catchy description of the file so it gets noticed!! Such as: "NEED FAST CASH?, HERE IT IS!" or "NEED CASH TO PAY OFF YOUR DEBTS??", etc. And the more uploads, the more money you will make, and of course, the more money the others on the list will make too. LET'S ALL TAKE CARE OF EACH OTHER BY BEING HONEST AND BY PUTTING FORTH 120 PERCENT INTO THIS PROFITABLE & AMAZING SYSTEM!!! You'll reap the benefits, believe me!!! Set a goal for the number of total uploads you'll post, such as 15-20 postings or more! Always have a goal in mind!!!
If you can UUE encode the file when uploading, that will make it easier for the people to receive it and have it downloaded to their hard drive. That way they get a copy of the article right on their computer without hassles of viewing and then saving the article from the File menu. Don't alter the file type, leave it as an MS-DOS Text file. The best test is to be able to view this file using Microsoft's Notepad for Windows 3.x or WordPad for Windows '95. If the margins look right without making the screen slide left or right when at the ends of the sentences, you're in business!

5. If you need help uploading, simply ask the sysop of the BBS, or "POST" a message on a newsgroup asking how to post a file, tell them who your Internet provider is and PEOPLE WILL ALWAYS BE GLAD TO HELP. I would try to describe how to do it but there are simply too many internet software packages with slightly different yet relatively simple ways to post or upload a file. Just ask for help or look in the help section for 'posting'. I do know that for GNN, you simply select 'POST' then enter a catchy description under the subject box, choose 'ATTACH', selecting 'UUE' and NOT 'TXT', then
choose 'Browse' to go look for the file. Find your text file CASH.TXT and click on it and choose 'OK'. Place a one line statement in the main body section of the message post screen. Something like "Download this to read how to get cash arriving in your mailbox with no

paybacks!" or whatever. Just make sure it represents its true feasibility, NOT something like..."Get one million dollars flooding in your mailbox in two days!" You'll never get ANY responses!

6. And this is the step I like. JUST SIT BACK AND ENJOY LIFE BECAUSE

CASH IS ON ITS THE WAY!! Expect to see a little money start to trickle in around 2 weeks, but AT ABOUT WEEKS 3 & 4, THE MONEY STORM WILL HIT YOUR MAILBOX!! All you have to do is take it out of the mailbox and try not to scream too loud (outside anyway) when you realize YOU HIT THE BIG TIME AT LAST!!

7. So go PAY OFF YOUR BILLS AND DEBTS and then get that something special you always wanted or buy that special person in your life (or the one you want in your life) a gift they'll never forget. ENJOY LIFE!

8. Now when you get low on this money supply, simply re-activate this file again; Reposting it in the old places where you originally posted and possibly some new places you now know of. Don't ever lose this file, always keep a copy at your reach for when you ever need cash. THIS IS AN INCREDIBLE TOOL THAT YOU CAN ALWAYS RE-USE TIME AND TIME AGAIN WHEN CASH IS NEEDED!

9. (This step added by Charles Reiley). Hello, This is exciting isn't it?! While I'm on the list, just add a note saying "Please include extra money tips" with your name & E-MAIL address, and I will (FOR FREE) send you some neat methods to increase the money you will receive with this plan.
Why?... Why not? I'm not a selfish jerk...I like helping out others. E-mail just makes it a touch easier and cheaper, too! After I drop off the list, I can no longer offer you this advice, obviously, but maybe someone else who gets my tips will offer and simply replace my name on this step number 9. Good luck and give this plan your all, it will definitely pay off!
Like Mike said, HAVE FUN WITH IT!!!

****
*
****
*
THE NAMES LIST THE NAMES LIST THE NAMES LIST
****
*
HONESTY IS WHAT MAKES THIS PROGRAM SUCCESSFUL!!!

1. Paul Dittrich
1509 Trigg Lane
Wichita Falls, TX 76306
USA

2. Mike Sova
P.O. Box 381

Coldwater ON Canada
L0K 1E0

3. George Juniel
5000 Western Ave. #2100
Knoxville. TN 37921
USA

4. Joel Schmidt
7809 Shadowhill Way
Cincinnati, OH 45242
USA

5. Yo S. Yoon
1224 University City Blvd #D40
Blacksburg, VA 24060
USA

****
*

NOTE:
Try to keep a list of everyone that sends you a dollar and always keep an eye on the local postings of this file...Just to make sure that everyone is playing the game fairly. You know where your name should be.....

*** AGAIN, HONESTY IS THE BEST THING WE HAVE GOING FOR US ON THIS PLAN.

-Mike Dotson, Boulder, CO

1525. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: steve Dobak <sdobak@prolog.net>
Message-ID: <3182972A.4A6C@prolog.net>
Source record: 202023

Dan Mouer wrote:
>
> I have an HTX-202 (1 watt low, 5 watt hi).
>
> I am looking to get a 5/8 wave mag mount ant. but I don't know which one I
> should get. Maybe even a 5/8 @ RadShak would be enough, I don't know and
> that's why I'm posting this here.
>
> 1. What I want/need to know is does MFJ, Larsen, and RS ants have magnetic
> mounts (~5" dia) that would allow me to exchange the 5/8 with a 1/4?
>
> 2. Which would you recommend? What would you say is the "quality/$" index?
>
> 3. What is the gain on a 1/4 and a 5/8 wave?
>
> 3. Are these calculations correct...(assume P_in = 1 watt)
>
> 3dB Gain: 10*log(Power Gain) = dB
> ==> P_out = P_in * 10^(3/10)
> P_out = 1.99 watt
>
> 6dB Gain: 10*log(Power Gain) = dB
> ==> P_out = P_in * 10^(6/10)
> P_out = 3.98 watt
>
> Any info is appreciated.
> Thanks.
>
> -Dan.I had a mfj 5/8 wave mobel antenna and it worked almost as well as the rubber ducky ant that came with
my handheld and I could bring just as many repeaters up if I unscrewed the whip and took it off the
mount as when the whip was on the mount, after giving up in fustration trying to get the s-w-r somewhat
acceptable and trying to get the whip to show some gain over the coax and mag mount I went to the local radio
shack and tried theirs out, I put it on, the swr was good and it worked, by the way you will find that the
5/8 wave ant has benifits when trying to access distant repeaters, espically on handhelds..
Steve WB3AMG

1526. Manual for HTX-202 Raack

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <5c6_9604280640@woodybbs.com>
Source record: 202024

```
>>You can order a manual for your HTX-202 from:
>>National Parts

Here's my "cheat sheet" for the HTX-202:

REALISTIC HTX-202 Summary of Button Functions

A/LOCK/CA
PTT + A.........Transmit DTMF A............................page 33
F + LOCK........Keyboard lock..............................page 19
CA..............Calling memory.............................page 20

B/P-SC/PR
PTT + B.........Transmit DTMF B............................page 33
F + P-SC........Priority scan..............................page 22
PR..............Priority memories..........................page 22

C/M-WR/MR
PTT + C.........Transmit DTMF C............................page 33
F + W-MR........Memory write...............................pages 20-23
MR..............Standard memories..........................page 23

D/M->VFO/VF/CLR
PTT + D.........Transmit DTMF D. Follow with 1-5 to
send a DTMF sequence.......................pages 33 & 34
F + M->VFO......Write memory to VFO........................pages 20-23
VF..............VFO mode....................................page 16
CLR.............Clear partially entered freq in VFO mode...page 16

1/T-SQL
PTT + 1.........Transmit DTMF 1............................page 33
PTT + T-SQL.....Tone squelch...............................page 28
1...............In Standard Memory mode, first digit of
selecting memory 10, 11, or 12.............page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 1..................page 22

4/D-SQL
PTT + 4.........Transmit DTMF 4............................page 33
F + D-SQL.......DTMF-squelch...............................page 34
4...............In Standard Memory mode, select Memory 4...page 23
In VFO mode, enter a frequency.............page 16

7/SAVE
PTT + 7.........Transmit DTMF 7............................page 33
F + SAVE........Power save option..........................page 31
```

```
7..............In Standard Memory mode, select Memory 7...page 23
In VFO mode, enter a frequency.............page 16

*/ \/SC
PTT + *.........Transmit DTMF *............................page 33
F + \/SC........In VFO mode, scan down the selected range..page 30
\/SC............In VFO, Priority Memory or Standard Memory mode
scan down.....................................pages 17, 22 & 23
In memory-set mode, next menu item.........page 26

2/DTMF
PTT + 2.........Transmit DTMF 2............................page 33
F + DTMF........Store DTMF memory sequence.................page 33
2..............In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 2...................page 22

5/BEEP
PTT + 5.........Transmit DTMF 5............................page 33
F + BEEP........Key entry beep..............................page 19
5..............In Standard Memory mode, select Memory 5...page 23
In VFO mode, enter a frequency.............page 16

8/M-SET
PTT + 8.........Transmit DTMF 8............................page 33
F + M-SET.......In VFO mode, memory set....................page 26
In Standard, Priority, Calling Memory,
change options for memory channel..........page 21
8..............In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.............page 16

0/V-SC
PTT + 0.........Transmit DTMF 0............................page 33
F + V-SC........Vacant scan.................................page 19
0..............In Standard Memory mode, select 1st digit
of memory 1.................................page 23
In VFO mode, enter a frequency.............page 16

3/ +/-
PTT + 3.........Transmit DTMF 3............................page 33
F + +/-.........Duplex offset...............................page 18
3..............In Standard Memory mode, select Memory 3...page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 3...................page 22

(Continued to next message)
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
```

|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1527. Re: FS: Heath SB-640 rem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: werner.stern@moondog.com
Message-ID: <8BF74CD.048F003851.uuout@moondog.com>
Source record: 202025

DR>I've got one on my SB-101 and the manual for both units describes how
DR>to hook up the SB-640 to the -101.

DR>>>FOR SALE: - a rare item -
DR>>>Heathkit SB-640 remote VFO (really a LMO).
DR>>>Matches SB-101 and SB-102 transceivers.
DR>>>Fresh alignment, tubes checked good.
DR>>
DR>>Isn't the remote VFO for the SB-102 solid-state?
DR>>
DR>>73,
DR>>Jack WB3U

DR>

It also works very well with SB-301/401 combination.

Regards,

Werner

Internet Addr: werner.stern@moondog.com werner.stern@factory.com

1528. Yaesu FT-416

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: mr@edunet.dk
Message-ID: <4lter2$dbh@news.uni-c.dk>
Source record: 202026

I am looking for mods on the FT-416 since I cannot find the models in the modification pages in the newsgroup. They seem to stop by model no. FT-415 and continue by no. FT-470.

1529. Manual for Lafayette MV-102

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: mr@edunet.dk
Message-ID: <4ltf1v$djk@news.uni-c.dk>
Source record: 202027

WANTED: A manual for Lafayette MV-102 in ENGLISH. I bought this 2 m
radio in Italy so the manual is all italian. It is already modified
but some of the operations are difficult to understand!

1530. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr27.124144.16199@ke4zv.atl.ga.us>
Source record: 202028
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

In article <4lgkbc$dfl@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>Yeah, the tube amp will have much higher THD. That's why rock
>>guitarists like them so much, really incredible distortion
>>effects.
>
>Gary, this is completely untrue. Lead guitarists often run their amps
>"wide open" in order to imitate the sound of musicians like Hendrix
>and Stevie Ray Vaughn. The soft clipping of tubes produces an effect
>that cannot be duplicated with either a solid-state amplifier or
>external "fuzz" devices. Contrary to your statement, the tube
>amplifier produces less odd-harmonic distortion when driven into
>clipping, in turn creating a more "natural" sound.

Clipping produces only odd order harmonics. By definition, square
waves are composed only of odd order harmonics in an infinite
power series. The output transformer in a tube amp acts as a low
pass filter and attenuates some of the higher order harmonics,
hence the "rounded" appearance of tube amp clipping, but a low
pass filter on the output of a solid state amp (Crown uses one,
calling it an ultrasonic filter) will give you the same spectrum.

Clipping in a tube amp results when power supply voltage limits
are reached, or when tube cathode current emission limits are
reached. In a transistor amp, clipping results when power supply
voltage limits are reached, or when power supply current limits
are reached. Unlike tubes, transistors don't exhibit a majority
carrier current limit effect.

Since transistor amps typically don't use an audio output
transformer, they don't suffer from hystersis effects or
saturation effects from the transformer, and the signal is
not bandlimited by the inductance and distributed capacitance
of the transformer windings. It is the presence of the iron
core output transformer that gives the tube amp most of its
distortion characteristics. McIntosh used a negative feedback
winding on their output transformers to attempt to linearize
some of these effects, but they were only partially successful.
Most tube amps don't even attempt to correct these distortions.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems

Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1531. Re: Impending HDTV....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr27.145224.16803@ke4zv.atl.ga.us>
Source record: 202029

In article <4lmi7k$grc@ram2.ramlink.net> subich@ramlink.net writes:
>
>I hope the broadcast industry will not fall victim to the low power
>myth that is being circulated in HDTV circles ("you'll only need
>about 30 KW to equal your current grabe B contours").

That's not a myth. But it also doesn't mean your transmitter will
be smaller. HDTV has a peak to average ratio of 1:1 while NTSC VSB
has pk/avg ratio of 2.8:1 (approximately, depending on picture content,
blah, blah). So while the peak power demand is less for HDTV, the
average power requirement remains much the same, IE NTSC VSB transmitters
are rated by their peak power while HDTV transmitters are rated by
their average power (which for them is the same as their peak power).
So a 30 kW HDTV transmitter should be about equivalent to a 100 kW
(peak) NTSC VSB transmitter in the average power density it puts over
a target coverage area.

It gets even better when you recall that the NTSC signal is VSB AM,
and that dead carrier carries no intelligence. The sideband power
of the NTSC transmitter has a pk/avg ratio of 8:1. That costs another
9 db at the receiver in noise margin for a "snow free" picture during
high luminance periods. (Peak white corresponds to minimum transmitted
power in NTSC.)

(This may seem counterintuitive to amateurs, but we have to maintain
the same noise margin in "quiet" passages as we do in "loud" ones,
in picture transmission, so SSB is actually a hinderance rather than
a help, IE we have to scale the system noise margin for the weakest
part of the envelope, not the strongest.)

Gary
--
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Lawrenceville, GA 30244 | |

1532. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr27.150024.16917@ke4zv.atl.ga.us>
Source record: 202030

In article <4loadg$bmu@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>In article <4ln7jp$21c@unet.net.com>, larson@net.com (Alan Larson) writes:
>
>> Your connection connects extra grounding electrodes to the wiring
>>of the house. The FAQ is written for North America (U.S. and Canada),
>>but I would suspect that multiple ground (earth) connections is
>>inappropriate for good reason. Your connection through a toroid
>>is a fairly direct connection at power line frequency.
>>
>> Alan
>
>There isn't any harm in adding additional grounding electrodes or systems.
>The harmful situation is having independent grounds connected to different
>points in the house. What you want to avoid are ground loops through the
>house wiring.

Or your equipment! That's why you also have to account for paths
through your coaxes, control wiring, telco, etc as well as power.

>Ideally, all wiring should enter and leave the house at one point, and all
>outside grounds should connect at that same point. What this does is
>prevent ground loops and improve the ground connection.

It prevents, actually shorts out, ground loops, but it doesn't improve
the ground connection. That still depends on how good your connection(s)
are to Earth.

Gary
--
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Lawrenceville, GA 30244 | |

1533. Re: icom ic-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr27.151534.17043@ke4zv.atl.ga.us>
Source record: 202031

In article <4lqq3d$71m@itnews.sc.intel.com> Cecil Moore <cmoore@sedona.intel.com> writes:
>tom <kbs@powertech.no> wrote:
>>I`m looking for an opinion of the large-signal capabilities of the
>>ic-706, espesialy on 80/160mtrs.
>
>Hi Tom, IMO the only advantage my IC-706 has over my IC-725 on HF
>is size. It is inferior to my IC-745 across the board.

Oooh, I wouldn't go that far. My IC-745 was *really* crummy. The
IC-706 is better than that, especially if you intelligently use
the attenuator, but I will say it isn't as good as my IC-735 in
dealing with strong signals.

For 80/160 a really sharp "antenna tuner" or preselector can be
a huge help in keeping some of those pesky Texas kilowatts from
crunching your receiver. If they nestle right up beside the desired
signal, however, you'll want something better than the IC-706 to
deal with them. (A signal seeking cruise missile comes to mind.)

Gary
--
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Lawrenceville, GA 30244 | |

1534. Re: IC 706 - LOW POWER !??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr27.153241.17159@ke4zv.atl.ga.us>
Source record: 202032

In article <Pine.LNX.3.91.960427141004.1887A@linux.ea4abb.ampr.org>
ea4abb@linux.ea4abb.ampr.ORG (Roberto Munoz (EA4ABB)) writes:
>Hello everybody !!
>
>I have just bought an IC-706 and I was testing it and it works fine ! 100
>w on all the bands except on 2m (it is normal)...
>
>I have been doing a lot of things with it, activating options that I do
>not know what they do and now I have a problem, The radio output is only
>25 W ! I cannot put more power, I think that the radio is broken because
>adjusting the power output to H is only give me 25 Watts !!
>
>Any help will be welcome !

Don't panic just yet, Roberto. Try an initial power up reset first.
That should get everything back to factory defaults.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1535. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr27.140939.16570@ke4zv.atl.ga.us>
Source record: 202033

In article <4lgtmm$gke@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>I had a pair of McIntosh 75s, and a Dynaco kit before that. They
>>were nice in their day, but their day is past. Their damping factor
>>doesn't match modern speakers,
>
>That's marketing nonsense, intended to cover up the fact that many
>"modern" speakers are junk. They employ ports and enclosures that
>boost undamped bass response, with no regard for the tuning between
>the enclosure and driver. Placing a loosely-suspended woofer in a
>two-foot tall box with a port helps sell speakers, but it destroys the
>damping of the driver below the resonant frequency of the port. It's
>unreasonable and totally unrealistic to criticize an amplifier for its
>inability to compensate for this. Even the highest damping factor you
>can produce won't remedy the problems created by these speakers.

Nonsense right back at you. No matter what mechanical damping you
use, you *must* allow for the damping provided by the amplifier
in your speaker enclosure design. Otherwise the system will be
either overdamped or underdamped. Since tube amps offer little
damping and transistor amps typically offer a lot, you have to
allow for that in speaker enclosure design.

>>and THD and clipping was not pretty, even on the Mc with its heavy
>>negative feedback.
>
>Clipping isn't pretty in any amp. The difference is the way the two
>types of devices clip. Tube amps create less of the odd-order
>distortion that is particularly offensive to the ears.

Clipping is a square wave generating process, and by definition
square waves are composed strictly of odd order harmonics in an
infinite power series. Tubes don't clip differently from transistors
when they hit the power supply limit (though they can also clip by
hitting the cathode current emission limit which transistors don't
have). The reason tube amps appear to have softer clipping is due
to the low pass filter effect of the output transformer. This attenuates
some of the higher order products and produces the "rounded" appearance
of the clipping. A low pass filter on the output of a transistor amp
will produce the same spectrum. Crown calls theirs an ultrasonic
filter.

>>Of course the old Bozak Concert Grands and Altec Voice of the Theatre
>>speakers had so much distortion anyway that it was hard to identify

>>the part contributed by the amp. Even good modern speakers typically
>>have 3% distortion, and that's lots more than even a cheap amp
>>produces unless it is grossly overdriven.
>
>High quality electrostatics, planars, horns, ribbons, the old Heil
>driver, and even some soft-dome midrange and tweeter drivers exhibit
>much less than 3% distortion.

A few electrostats are good, but horns produce phase distortions of
10% or more, which is why big horns like the old Altecs aren't built
anymore by anyone who cares about high fidelity. Most speaker distortion
occurs in the low and mid bass region, tweeters can be virtually ignored
when discussing speaker distortion. The near universal use of poly cones
today has reduced cone break up as source of speaker distortion markedly,
but the interaction of the speaker with the enclosure still dominates
speaker distortion (if you discount the phase distortions introduced by
multiple crossover networks).

>>Music has a huge dynamic range, and most people try to reproduce
>>it with amps that are too small. If you need 40 watts average to
>>fill the room, you need about 800 watts peak to stay out of clipping
>>on transients. You *can* hear that clipping.
>
>Where in heck did you come up with this? It certainly speaks in favor
>of tubes due to their softer clipping characteristics, but I've never
>heard a technically valid claim that 800 watts headroom would be
>required to eliminate clipping at average listening levels in the
>home. I'd like to see the math, including the sensitivity of the
>speakers in SPL at one watt/one meter, the size of the room and the
>SPL you consider "room filling" either at the location of the listener
>or one meter from the driver.

The span between 40 watts and 800 watts is 13 db. The dynamic range
of music is 90 db. Now a quiet room has a SPL of 62 dba while a jet
engine at takeoff has a SPL of 110 dba and 100 dba is generally
accepted as the threshold of pain. So the listening room environment
is a limited subset of the musical dynamic range, limited to excursions
of about 38 db. Depending on the musical content, you may wish to
boost the bottom end of the musical dynamic range up to greater than
62 dba in order for it to be audible. That means that if the music
has full dynamics, you'll need to reproduce 152 dba to maintain
dynamics. Obviously you don't want to do that, since it would cause
hearing damage. So you lose some of the bottom end of the range
down into room noise, and lose some of the upper end of the range
into amplifier clipping. But that still leaves you with 38 db of
dynamics to reproduce faithfully.

Now a comfortable listening level is 80 dba, and that centers you
in the usable range. If it takes 40 watts to maintain that sound
level, a dynamic transient only 13 db greater, IE 93 dba, will
require an amp with a 800 watt peak output to avoid clipping

distortion.

Many of today's speakers trade efficiency for an attempt at linearity and small size, so 40 watts average drive power is not unusual. Of course a very efficient speaker, which only needs 1 watt to maintain a SPL of 80 dba at the listening location, would only need 20 watts peak to reproduce a 93 dba transient. Few (if any) speakers are that sensitive while still remaining linear across the 20 Hz to 20,000 Hz frequency span. (They fall down on the low end of the frequency span of course.)

>Also, which speakers are "most people" using that are capable of
>reproducing the 800 watts peak that you claim is necessary?

Many speakers are capable of handling a 800 watt transient excursion. This isn't sinewave power you realize, it is a transient. The IHF has a rating scale for this. My little Polk Compact reference speakers have an IHF rating of 480 watts, which won't do the job, but then they don't need 40 watts to generate a 80 dba SPL either. Their bigger brothers, the reference series, has an IHF rating of 1600 watts and will serve nicely.

>>The other thing you can hear is the effect of improperly matched
>>damping factor.
>
>There's no such thing as matched damping factor. It's a euphemism for
>the need to minimize the audible defects of junk speakers. I suggest
>that if you think older speakers such as Acoustic Research, Klipsch,
>Altec, University and Jensen have muddy bass when they're driven by
>solid-state amps, you've been conditioned by the large amount of crap
>that's now on the market.

The audio spectrum analyzer doesn't lie, Jack. They do have muddy bass response when heavily damped by a solid state amplifier, and modern speakers sound boomy as hell when driven by an old tube amp. And you can see both of those defects on the audio spectrum analyzer as well as hear them.

In case someone is wondering what we're talking about when we say "damping", perhaps a moment's worth of explanation is in order. If you take a meter movement with open terminals and shake it, the needle will swing wildly. If you take that same meter movement and connect a low impedance across its terminals, when you swing it, the needle won't gyrate madly. Its response has been *damped* by the load placed on it (its a motor effect). The same thing happens with a speaker cone. When it is driven, it will tend to oscillate madly at its mechanical resonance unless it is damped. There are two forms of damping applied to a speaker cone, electrical as just outlined, and mechanical.

Now you can apply mechanical friction damping to a speaker cone, using its flexible support as a friction "shock absorber", but that hurts speaker efficiency and limits cone excursion, so it is rarely used today. Or you can use an "air suspension" where the air trapped in the enclosure acts as a spring against the speaker cone's piston. There is very little friction here, so the speaker can be quite efficient, and large cone excursions can be supported so bass response can be quite good, but you need some other method of damping the cone's resonance. This is done by adjusting the enclosure's volume so that it is anti-resonant at the cone's natural resonant frequency, IE it will return a negative pressure wave reflection to the cone at the time the cone is trying to produce a positive pressure wave, and vice versa. This will damp the cone response. You can also use tuned ports, ducts, or pipes to achieve the same effect.

No matter what type of mechanical damping you use, it is the *sum* of the electrical damping and the mechanical damping that must precisely cancel the self-resonant oscillations of the speaker cone. Change either one, and you have to make a corresponding change in the other to maintain precise damping. Speakers designed to be driven by tube amps have a lot of mechanical damping to make up for the small electrical damping the tube amp offers, and speakers designed to be driven by transistor amps have relatively less mechanical damping to accomodate the larger electrical damping the transistor amp offers.

The electrical damping offered by an amplifier is a function of its output impedance. A transistor amp typically has an output impedance which is a fraction of an ohm. A tube amp has an impedance, determined by its output transformer ratio, which is typically 8 or 16 ohms. Thus a transistor amp has many times the damping of a tube amp, and needs a speaker with many times less mechanical damping.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1536. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4ls4t0$1fl@miwok.nbn.com>
Source record: 202151

w8jitom@aol.com (W8JI Tom) wrote:

>Ox that was gored, or a tempest in a tea pot, or a bad hair day".
>
>Or it could be because IMD related splatter from poor designs annoys me.
>
>73,
>Tom

"SPLATTER" annoys *YOU*? I am amazed you are able to find time to operate, what with being so involved critiqing QST, covering your (gasp!) "findings" here on the Internet - and finally "SPLATTERING" this newsgroup with non-issues. Lighten up! We are duly impressed with your powers of observation and ability to communicate - as well as your generally broad scope of knowledge. Let's move on to more interesting and appropriate subjects than QST's editing policies...
--
Gary... KJ6Q...I am the NRA

1537. ICOM AH-2 Info Please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: Dennis Mobey KT4FI <dmobley@encore.com>
Message-ID: <31819273.548@encore.com>
Source record: 202152

Hello all,

A friend has come across an ICOM AH-2 Auto Tuner
The unit looks to be the predecessor to the AH-3 model.

Any information as to the differences?

Also, can the 4 wire control cable be extended to 50 feet.

We would like to use this unit on a moter home.

Thank You
Dennis Mobley KT4FI

1538. ICOM AH-2 Info Please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: Dennis Mobey KT4FI <dmobley@encore.com>
Message-ID: <318192A1.5290@encore.com>
Source record: 202153

Hello all,

A friend has come across an ICOM AH-2 Auto Tuner
The unit looks to be the predecessor to the AH-3 model.

Any information as to the differences?

Also, can the 4 wire control cable be extended to 50 feet.

We would like to use this unit on a moter home.

Thank You
Dennis Mobley KT4FI

1539. Re: How can I adjust the LCD contrast of FT-51R ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: pwmarina@shore.net
Message-ID: <4lt2v6$ft3@shore.shore.net>
Source record: 202154

In article <3180EBC8.6967@itsd.gcn.gov.hk>, itsa11@itsd.gcn.gov.hk says...
>
>How ?
I had a problem with my 51r - the contrast was getting pretty bad, and some of the LCD segments were unreadable in the cold. I sent it back to Yaesu, and they replaced the display. Now it works just fine, although when it's dark, and the backlight is on, it's best when looking straight on.

Good luck w/ you unit.

1540. IC 706 - LOW POWER !??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.960427141004.1887A@linux.ea4abb.ampr.org>
Source record: 202155

Hello everybody !!

I have just bought an IC-706 and I was testing it and it works fine ! 100
w on all the bands except on 2m (it is normal)...

I have been doing a lot of things with it, activating options that I do
not know what they do and now I have a problem, The radio output is only
25 W ! I cannot put more power, I think that the radio is broken because
adjusting the power output to H is only give me 25 Watts !!

Any help will be welcome !

-- Roberto

Email:ea4abb@ea4rct.clubs.etsit.upm.es | ampr: ea4abb@linux.ea4abb.ampr.org
fidonet: Roberto Munoz 2:341/64.10 | ax25: ea4abb@ea4een.eam.esp.eu
<A HREF="http://www.etsit.upm.es/~rclub">Paginas WEB del Radioclub EA4RCT</A>
********** AND SOON VIA SATELLITE **********

1541. Re: ICOM AH-2 Info Please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: billn9hh@aol.com
Message-ID: <4lt2nl$rru@newsbf02.news.aol.com>
Source record: 202156

I don't know if they are identical internally, but functionally, the AH-2 and AH-3 tuners are equivalent. The AH-2 has an external controller that connects to the rigs computer interface and ALC lines for control while band changing and tuning up. This interface is used with rigs such as the IC735. Most newer ICOM (IC737, etc) rigs have the ability to control the tuner directly thru a four pin molex connector that matches the one on the AH-2. I'm using an AH-2 with a 737 and it works just fine. When the AH-2 is plugged in, the 737's internal tuner is disabled.

Have not tried it, but think you could go ahead and use the external controller with these newer rigs, in which case any internal antenna tuner would still function, giving and even wider matching range.

I don't think extending the control cable a reasonable amount would be a problem.

1542. Yaesu ft-2500M, looking for Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: larry@lmb-tech.com
Message-ID: <31823790.210795339@nntp.netgate.net>
Source record: 202157

Hi:

Subject says it all. Thanks in advance.

Larry, n6txx

1543. Space Institute via the internet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: gssi@gssi.edu
Message-ID: <318241BE.7DA3@gssi.edu>
Source record: 202158
Cross-posted to: rec.arts.startrek.tech,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,school.subjects.science,sci.astro,sci.astro.amateur,sci.astro.fits,sci.astro.planetarium,sci.cryonics,sci.energy,sci.energy.hydrogen,sci.engr,sci.engr.biomed,sci.engr.chem,

```
Galileo Space Sciences Institute is now offering courses via the
internet! Check us out at http://www.gssi.edu. Or for introductory
info, send e-mail to gssi-info@mars.gssi.edu.
```

1544. Ramsey 146 2 meter for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: jmg@tntech.edu
Message-ID: <1996Apr27.142545.20786@atlas.tntech.edu>
Source record: 202159

I have a built and working Ramsey 146 2 meter transceiver for
sale. QST just ran a good article on the neat computer things you
can do with it.

If interested, email me

73
Jeff, AC4HF

1545. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <4ltbpa$2i4@ram2.ramlink.net>
Source record: 202160

In message <4lieg8$b70@newsbf02.news.aol.com> - w8jitom@aol.com (W8JI
Tom)23 Apr 1996 07:21:44 -0400 writes:
:>
:>Anyway, what was the grid bias of the tube and class of operation? Did the
:>author include a screen meter? Was there an energy storage component at
:>the screen to improve dynamic regulation during voice peaks?
:>

The control grid is biased at -56 Volts. The article does not make any
reference to operating class of the tube (the data packet from ARRL does
not provide the information either).

The MLA-2500 grid current position on the multimeter was converted to
read screen current (60 mA full scale). The screen uses a regulated
supply (voltage doubler from the 120 volt transformer winding to a
zener diode/pass transistor regulator). I have no idea how the
regulator
performs under dynamic conditions.

:>I find it strange that all these tubes require a 50 ohm grid resistor to
:>develop correct grid voltage swing with a 100 watt exciter. That almost
:>seems too good to be true. I am trying to help three people get 4CX1600's
:>running.

The article looks "formula" in that it simply uses a 50 Ohm grid
resistor
rather than matching the grid resistor to the operating class and using
a
resistive "L" pad (or other attenuator) to match the available drive.
Such a design would also allow the modified amplifier to be "scaled" to
match 100 Watt rigs, 150 Watt rigs or 200 Watt rigs (FT-1000).

:>Tetrode circuits are a real design pain compared to triodes, and I've
:>never seen any of the "marketing tools" the author has gotten published
:>properly address tetrode design.

The conversion article wasn't written by Badger. However, the author
does
acknowlege his assistance. I suspect some of Badger's "tetrode centric"
view is due to the fact that his company doesn't make 3CX400/8874,
3CX800,
3CX1200 or 3CX1500A7/8877 devices. I suppose the additional complexity
of
proper tetrode design isn't as much of a burden in industrial
applications
where the operation is at a single frequency and consistent power level

(RF heating, etc.). There one needn't be as concerned with input
matching
over a wide frequency range or IMD.

--
73,
... Joe Subich, AD8I
(subich@ramlink.net)

1546. FS Complete Station Knwd 440S/ R7 Vert

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-27 00:00:00 UTC
From: slough@halcyon.com
Message-ID: <4ltj2d$6ld@news.halcyon.com>
Source record: 202161

Complete HAM Station: Kenwood 440S/Tuner, Power Suply, R7 Vertical, ETC. $700
^^

Steven S. Lough, President Eco-Motion Electric Cars
6021 32nd Ave. North East (206) 524-1351
Seattle, WA. 98115-7230 E-Mail : slough@halcyon.com
WWW Site: http:cyberzine.org/html/Electric/ecomotion.html
^^

1547. FS: Alinco DJ-582T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: Jim Cox <jcox29@digital.net>
Message-ID: <31842AEE.F4@digital.net>
Source record: 201962

For Sale

Alinco DJ-582T Twin Band Hand Held Radio

Excellent Condition, less than one year old
Has out of band RX/TX Mod
Includes EMS8 Remote speaker/mic
Desktop charger
Box and Manuel

$325.00 Includes 2 day shipping, you pay COD charge.

Jim/KB5WIL
jcox29@digital.net

1548. Re: JVFAX 7.0 Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: "George J. Molnar" <gmolnar@interealm.com>
Message-ID: <31842F5F.11DB@interealm.com>
Source record: 201963
Cross-posted to: de.comm.ham,fj.rec.ham,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.shortwave

Brian Webb wrote:
>
> I'm finishing an article on HF FAX reception and I need to know
> where a person would go to get a copy of JVFAX 7.0. Are there
> any websites with it?

There's a link to it off of my Ham Radio sub-page. Main URL is below.
FYI, the latest version is 7.1 & it works great!

73
--
George J. Molnar
Highlands Ranch, Colorado
Amateur Radio: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

1549. Re: FT736 MEM->VFO and PMS->VFO transfers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: parf@aol.com
Message-ID: <4m1c07$9si@newsbf02.news.aol.com>
Source record: 201964

There is a much simpler (undocumented) way to load a MEM CH into VFO.
Simply press the AQS button twice.
This may require that you have your ID already in the AQS but this is a
simple one time task. I did not take my ID out to try this but suspect it
doesn't make any difference.

Dale WA2YPY

1550. Re: intermod vs overload

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: parf@aol.com
Message-ID: <4m1ccs$a0u@newsbf02.news.aol.com>
Source record: 201965

Hi Jim,
A nice lucid explaination- probably better and in more depth than what is sen in the Handbooks.
Our company makes RF filters to reduce or eliminate this problem in the V/U spectrum. Although we sell tons of them it is interesting that many people are not clear on what is causing the problem or believe that the pagers etc. are @ fault when in reality it's the amateur manufacturers opening up the front ends for general coverage receive in an ever increasing RFI environment.- a lot to ask of any radio!

73, Dale WA2YPY

1551. fs: police radar unit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: bwilder@reallink.com
Message-ID: <4m1ivv$hcm@doc.zippo.com>
Source record: 201966

be the first on your block to own one of these.

be the first on your block to own one of these instruments...

it is a radar set used by department of public safety and other law
enforcement agencies in the late 50's early 60's.

operates on 12 volts dc, and measures speed up to 100 mph.

works and is in pretty good shape. comes in two cases. consists of a
power supply, metering unit, and a transmitting unit.

would make a VERY interesting conversation piece.

$60

bobby
wb5wur

1552. ?What SW-rcvr to buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: ivar.sonne-moerch@dkb.dk
Message-ID: <8BF83ED.14ED000B1C.uuout@dkb.dk>
Source record: 201967

I am going to travel widely soon, so I have both the chance of buying
(and paying for) and the need for use of a

Handy, Portable Short Wave Receiver
mainly for receiving BBC World Service
as globe- and time-wide as possible
with a low a battery-use as possible, and with DC-converter

But I do not know a thing about radios, so what will folks recommend?

Greetings From Copenhagen
Have A Nice Day

ivar.sonne-moerch@dkb.dk
(M of A, History - Computer Consultant - Genealogist)

* RM 1.31 2540 * .. Sed in Errore perseverare, Nulius nisi Insepientis ..

1553. Computer Control For Your Radio !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: tony@gcr1.com
Message-ID: <4m7v47$kqr@tetsuo.communique.net>
Source record: 201968

If you are thinking about using you PC to control
you ham rig check out my page and the FT-736R CAT
section. The unit shown is usable on all rigs that
require a RS-232 to TTL level converter to control
the rig. Available for Kenwood, Yaesu or Icom rigs
and as well as others.

Check it out ...

http://www.gcr1.com/n5gpi/

73,
N5GPI

1554. Re: IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr28.143401.21980@ke4zv.atl.ga.us>
Source record: 201969

In article <4lvj2l$m2l@ram2.ramlink.net> tomg@ramlink.net writes:
>Does anyone have any experience replacing the
>backup lithium battery in the IC 745 HF xcvr????
>The battery is on the RAM board that can be
>removed from the XCVR????? Would like to
>replace myself rather than send away. Any
>comments???? de WA3KQA

You have to keep the board powered up while you replace
the battery, else you'll lose the contents of the RAM
(which contains the radio's operating program). Be careful
not to short anything, and don't use a grounded tip soldering
iron (or if you do make sure the power to the board is floating
with respect to ground, IE a battery pack).

If you manage to short something and dump the memory, Icom will
reprogram it for you (for a fee, of course).

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1555. Re: Kenwood 733 vs IC-2350 vs DR610?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr28.145602.22200@ke4zv.atl.ga.us>
Source record: 201970

In article <4lu4rb$47h@news.zipnet.net> pmarkou@ferrets.zipnet.net (Peter M) writes:
>I'm in the market for a dualband radio. I would like to hear any
>comments (both negative and positive) about ICOM, Kenwood and Alinco
>dualband radios. One point of interest is the intermod rejection
>comparison and receiver sensitivity.

All three have too much receiver sensitivity, and are too prone to
intermod (the Kenwood is the worst of course).

>Important options:
>1) Crossband Repeat

The Kenwood and Alinco have it for sure, I think the Icom does too.
It's important to be able to set separate CTCSS tones on the two
channels during crossband operation, IE has separate encoder and
decoder, make sure the radio you choose allows that.

>2) 9600 Baud

The Kenwood *clains* to be "9600 ready", but it isn't. The others
aren't either. The synthesizer designs don't allow proper 9600
baud modulation (the loop filter chops off parts of the modulation).
You can sort of make them work, but they won't work right. You either
have to go in and modify them for two point modulation, or choose
a radio that does modulation outside the synthesizer loop, IE IF
modulation such as the Azden PCS9600D and IC820H use.

>3) DTMF memory

Don't know about that, don't use it and didn't look.
Take a look at the Standard dualbander. It is almost
intermod free, and works better (but still not right)
for 9600 baud packet than the ones you've chosen.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1556. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr28.161909.22571@ke4zv.atl.ga.us>
Source record: 201971

In article <4lu6kp$a80@ram2.ramlink.net> subich@ramlink.net writes:
>In message <4ls4t0$1fl@miwok.nbn.com> - Gary - KJ6Q <tech@thereporter.com>27
>Apr 1996 03:39:12 GMT writes:
>:>
>:>"SPLATTER" annoys *YOU*? I am amazed you are able to find time to
>:>operate, what with being so involved critiqing QST, covering your
>:>(gasp!) "findings" here on the Internet - and finally "SPLATTERING" this
>:>newsgroup with non-issues. Lighten up! We are duly impressed with your
>:>powers of observation and ability to communicate - as well as your
>:>generally broad scope of knowledge. Let's move on to more interesting and
>:>appropriate subjects than QST's editing policies...
>
>*YOU* are the one that needs to lighten up. Tom happens to be one of the
>top designers of amateur amplifiers and has turned around the product
>line of at least two manufacturers. For him to take the time to get on
>the 'net and discuss the issues concerning amateur power generation
>without the self-serving, advertising hype speaks very highly.
>
>Any (all) ARRL members with any amount of technical smarts have the
>right to expect a high degree of accuracy and integrity in their
>membership journal. For the editors of _QST_ to permit the President
>of a tube manufacturer to use an aticle about the history of zero bias
>triodes to promote his company's (tetrode) products and bash his
>competitors' products (which he can't match) violates every principle
>of journalistic ethics ... particularly since the problem could have
>been avoided by simply cutting the last two paragraphs.
>
>In any case, your personal attack on W8JI is out of place here.

With all due respect, Joe, it was Tom's taking a flamethrower to
the article, author, and QST from message one on this thread which
has led to all the heat and personal attacks that have followed.
That may not excuse the responses, but it is certainly reason to
have expected them.

And worse, Tom attacked the MLA2500 modification article (by a
different author) *WITHOUT EVEN HAVING READ IT FIRST*. That was
unprofessional in the extreme. It would *appear* that Tom harbors
an unexplained grudge against Svetlana and its products. Perhaps
they wouldn't give him promotional samples, hmmm?

Now I've read this article over and over trying to find what
has Tom and a few others so upset. Frankly I can't find it.
While titled as a history of the 811A, from page one other
tubes are mentioned to put the 811A in historical context.

The last two paragraphs do not differ in this regard.

And particularly I see no insult made or implied to Eimac or its products. In fact just the opposite, we find that Eimac and its products are praised many times in the article, with nine full paragraphs devoted to their products, and not a single bad thing said against them. That might be grounds for comment since the author was at one time an official of Eimac, but Tom has been strangely silent on that subject.

Tom clains there is false technical data in the article, but try as I might, I find no falsified technical data. In fact, there is very little technical data in the article at all, being as it is a historical overview and not a spec sheet comparison. The author does suggest in the last paragraph that a return to tetrode amplifiers may be more economical today given the 9 (or 10) bands that may need to be covered, and given the improvements in bias supply designs made possible by solid state components.

I don't find that a remarkable claim, and indeed the MLA2500 construction article in the following issue of QST does quite a bit to give it credence. The ARRL lab data shows that the converted amplifier has better specs than the original while using a much less expensive tube. That seems like a good deal to me, and offsets the minor complexity engendered by the need for bias supplies.

Of course perhaps I should disclaim my bias here by noting that I've worked with high power tetrode amplifiers for 30 years in broadcasting, and have come to respect them and expect quality performance from them. They routinely offer a combination of linearity, high power gain, and economy of operation that I have rarely found with stable triode amplifier designs. An examination of the tetrode equation (in Eimac's own book) should make the reason for that abundantly clear.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1557. Re: Info on Siltronix Linear LA-600.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4luvjp$dak@mule1.mindspring.com>
Source record: 202034

sba3020@InfoNET.st-johns.nf.ca (Carl Hodder) wrote:

>Need info on a Siltronix LA-600 linear 10 or 11 meter amplifier.
>Would SAMs have any info on it? What is the power rating on
>this linear? How old is it? Is Siltronix's still around?

Try Brock Publications, Grace Brock at 619-757-0372. If anyone has a
manual she has (for Swan, Cubic, Siltronix, older Atlas)

Dave K4JRB

1558. Re: Info on TS-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: maultsby@clt.mindspring.com
Message-ID: <4lv290$8mm@mule1.mindspring.com>
Source record: 202035

Norm Hammar <norm@cqg.com> wrote:

>I have a Kenwood TS-50, and notice that the fan comes on regularly when
>transmitting. Is this normal...or do I need to make an adjustment
>somewhere? I notice it at both 100 and 50 watts output. Any help would
>be greatly appreciated. norm@cqg.com

Sounds perfectly normal. Mine did the same, when I had one. (Had to sell it
to pay rent a few years ago.. <sigh>)

Now if they fan DIDN'T come on, then I'd start worrying.. :)

| John Maultsby (maultsby@clt.mindspring.com) | www.mindspring.com/~maultsby|
| Amateur callsign: AB5WH (ex-KE4CLW) | Live in Charlotte, NC! |

1559. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: wb6w@netcom.com
Message-ID: <wb6wDqK5ny.8ww@netcom.com>
Source record: 202036
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

My newsreader claims that Alan Larson (larson@net.com) wrote:
: Mark Pettigrew <m.w.pettigrew@shu.ac.uk> writes:

: >What I have is a separate RF ground of four 1.5 metre copper pipes
: >connected together and to the set by a thick (10 sq millimetres)
: >insulated copper wire. Where the RF ground enters the house, it's
: >connected as well to the mains earth via about 5 turns each on four
: >ferrite toroids. This link prevents RF injection into the mains, but
: >makes sure that my set is grounded to the mains earth. There is no direct
: >connection between the rig and the mains earth apart from this.

: While this may be the thing to do in the U.K., I would recommend
: against it. From the wiring faq (misc.consumers.house, sci.answers,
: news.answers, and other places):

: Furthermore, there should only be one grounding system in
: a home. Some codes require more than one grounding electrode.
: These will be connected together, or connected to the neutral
: at a common point - still one grounding system. Adding additional
: grounding electrodes connected to other portions of the house
: wiring is unsafe and contrary to code.

: Your connection connects extra grounding electrodes to the wiring
: of the house. The FAQ is written for North America (U.S. and Canada),
: but I would suspect that multiple ground (earth) connections is
: inappropriate for good reason. Your connection through a toroid
: is a fairly direct connection at power line frequency.

: Alan

Keep in mind that he is talking about an RF ground, which is very much
different from a DC or mains ground. If the DC/mains ground is to be
pressed into service as an RF ground, it may not work. Consider, if
the ground wire, including that in the wall, froim the radio to the
actual ground point is a quarterwavelength of the operating frequency,
the wire will act as a transmission line and transform the low
impedence at the actual ground point to a high impedence at the rig.
While the rig may be safely grounded for mains/DC, it will at the same
time be well above ground potential for RF.

Apparently, the FAQ referenced does not consider RF grounds. However,
all is not lost as there are a number of clever ways to provide a good
RF ground that is not tied to the mains ground and in fact is a
lousy mains ground! The trick is that what is a good ground at DC or
50/60Hz may be a transmission line at RF and needs to be handled as such.

73 de Glenn wb6w
--
****
* "Two wrongs don't make a right, but three lefts do." *
* *
* wb6w@netcom.com - Glenn Thomas *
****

1560. KPC-3 Problem - HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: Bill Meara <w.meara@codetel.net.do>
Message-ID: <4lvojd$cq4@server2.codetel.net.do>
Source record: 202037

Help! My KPC-3 TNC suddenly lost the ability to go into Command mode. I'm using PACTERM software. When I type Control C, instead of getting "CMD:", I get a heart! I appreciate the sentiment, but would really prefer to be in the command mode! I tried a hard reboot, but that didn't help. Any ideas?

73 Bill, N2CQR/HI8

1561. FOR SALE - Andrews Microwave dishes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: Tim Doncaster <tad@kn6wq.demon.co.uk>
Message-ID: <387937707wnr@kn6wq.demon.co.uk>
Source record: 202038

I have qty 4 2 metre dia. Andrews microwave dishes up for grabs. They have passive reflector feeds supported by w/g. Dishes have mounting brackets - I have some of the mounting h/w - it's all a bit hefty - first come first served

Buyer collects, I am afraid, as they are not something that you can pop into your car boot! I also have the associated link tx/rxs which are set for 7 GHz. Please contact me for details.

As a true amateur, I hate to part with, but house move situation/'Erindoors forces!

Price 45 Pounds per dish

Loc is Yiewsley, near Heathrow Airport, London.

Regards

Tim
--
---|
Tim Doncaster IO91SM45
EMail tad@kn6wq.demon.co.uk
g3pjd@gb7hsn.#32.gbr.eu
Compuserve 100256,3155
Mail sent via Demon Internet and some very expensive hardware
|---

1562. IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: tomg@mail.ramlink.net
Message-ID: <4lvj2l$m2l@ram2.ramlink.net>
Source record: 202039

Does anyone have any experience replacing the
backup lithium battery in the IC 745 HF xcvr????
The battery is on the RAM board that can be
removed from the XCVR????? Would like to
replace myself rather than send away. Any
comments???? de WA3KQA

1563. FS: Racal 6790/GM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: John Black <73422.321@CompuServe.COM>
Message-ID: <4lvv2klti1@mhadf.production.compuserve.com>
Source record: 202040
Cross-posted to: misc.forsale.non-computer,rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.swap,triangle.radio

Racal 6790/GM receiver for sale. Excellent condition, 7.9, 3.4, 1.6,
5 filters +SSB. RS232 interface with connector and serial cable.
Radio tunes from 0-30MHZ, tuning and LCD readout to 1hz. Selectable
AGC threshold and times, All mode including FM (ISB optional),
built-in test system which calibrates filters.
Comes also with complete operation and maintenance manual.
Radio is rack mountable, appprox 19"w x 6-1/2"h x 20"d.
Can be computer controlled using terminal program , or one such as
Visual Radio.
Asking $1500 plus shipping. (Tucker Electronics was selling for
$1500 without RS232 interface and fewer filters.)
A really great radio for LW and VLF DX, too.

Please reply via E-mail ifinterested.
J. Black KB5AG 73422.321@compuserve.com

1564. CW Crystals - Marshfield, MO - Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: Paul Christensen <paulc@ccjet.net>
Message-ID: <31839A2C.20BD@ccjet.net>
Source record: 202041

I am awaiting 25 FT-243 crystals from him. It's now been more than two months.
Is this typical?

-Paul, N9AZ

1565. Telex Headset advice???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: billv21572@aol.com
Message-ID: <4m04mb$om9@newsbf02.news.aol.com>
Source record: 202042

I just picked up a Telex Headset that I'd like to use (if possible) with my
Kenwood TS-520S. The only identification on this thing is the number
"1201-02". The headset consists of a pair of headphones and a boom mike,
attached to 2 - 1/4" phone jacks, one gray, one red. The gray phone jack is
for the phones, the red must be for the mike. Anyone with any knowledge of
whether the mike is a "high impedance" (50k Ohm) design suitable for my
Kenwood?
thanks and 73 de Bill
Bill Vanstralen KA9HLN St. Paul, MN (612)688-2552 billv21572@aol.com

1566. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: kauffman@gnatnet.net
Message-ID: <kauffman-2804961348180001@dialup73.gnatnet.net>
Source record: 202043

In article <41a7cc$335a.183@NEWS>, mouer@mail.ameritel.net (Dan Mouer) wrote:

> I have an HTX-202 (1 watt low, 5 watt hi).
>
> I am looking to get a 5/8 wave mag mount ant. but I don't know which one I
> should get. Maybe even a 5/8 @ RadShak would be enough, I don't know and
> that's why I'm posting this here.
> Any info is appreciated.
> Thanks.
>
> -Dan.

Dan,

Don,t waste your money! You are going to get the Larsen now or after you've given up on the other two antennas you mentioned. So I say get it now and save money in the long run.

I f you really want a good signal, go with a through the roof installation with Larsen equipment. If you live in the city use a 1/4 wave, otherwise install the 5/8.

Jim, N7TTO

1567. Re: Yaesu ft-2500M, looking for Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4m0e3d$blo@cc.iu.net>
Source record: 202044

well, there's the add-in CTCSS decoder board and the pager board...

In <31823790.210795339@nntp.netgate.net>, larry@lmb-tech.com (Larry Brown) writes:
>Hi:
>
> Subject says it all. Thanks in advance.
>
>Larry, n6txx

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1568. Questions on Drake SW4A and SPR4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4m0h1n$tq4@pulp.ucs.ualberta.ca>
Source record: 202045

Hello,
I am looking for info and/or experience with the Drake SW4A and the
SPR4. I have a Drake catalog from 1977 listing the SPR4 and its specs,
and it looks interesting. Any comments on performance, current
availablity, and prices?
I don't have a lot on the SW4A. I understand that it came out in 1966,
and I am guessing that it was modeled on the R4A. Is that correct?
Obviously it is a tube RX, but how was the performance with this one?
Again, I am interested in availablity and prices for the SW4A.
Thanks very much,
Chris VE6RDC

1569. Re: FT-50R info.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: felix@netwizards.net
Message-ID: <4m0gnn$bf0@news.wco.com>
Source record: 202046

I have purchased the FT-50R and yes it is a pretty cool little
"radidio". I does have a built in game if yo press the MR button
while turning the radio on. I have also modified the radio to transmit
out of band.. MARs and CAPs ...Here is the information everyone needs
to modify it:

1. remove the battery pack
2. remove the two screws contained under the Battery safety sticker
on the back of the radio.
3. remove the key board (instuctions on how to remove the keyboard are
in the owners manual)
4. by removing the keyboard, it will reveal three jumper pads 1,2,&3
5. Only jumper pad #1 will be bridged by soldier.
6. remove the soldier from jumper #1
7. now, put the radio back together
8. reset the master cpu... instruction in owners manual.
9. reset the extended receive,.. see the owners manual.
10 you now have a modified radio.
any questions e-mail me

In article <4l8lhg$2r5@nntpa.cb.att.com>, 73573.1504@compuserve.com
says...
>
>The web page is advertising a MARS/CAPS mod, so even Yaesu here in the
>US does not have it so far. They have promised to send it as soon as
>they have it.
>
>Has anyone used one yet? I am waiting for the local radio shop to get
>their shipment in. The radio sounds to good to be true. Is it?
>
>Chuck <csupak@ucla.edu> wrote:
>
>>Well I held one. It is the same case as the 40 and 10's The radio
uses
>>the same batt's and case. The 50 also comes with an unadvertised
featur
>e:
>>a game. Just turn it on by pressing MR and power at the same time and
>>there you are. Very neat sounds and moving numbers on the screen.
Pause
>
>>is the Ch knob (push it down) and the game keeps score.
>
>
>>I know of no mods for the 50, yet.

>
>> CS
>
>
>
>>--
>>Man-Servent Hecubus Fan Club of America.
>
> Opinions Expresses Are Entirely My Own.
> In Fact It Is Rare That Anybody Agrees With Me.
>
>Mike Penner | "Firearms Stand Next In Importance To The
>Lucent Technologies | Constitution Itself. They Are The
American
>map@cbmsg.att.com | People's Liberty Teeth." George
Washington
>
>

1570. Re: FT-50R first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: felix@netwizards.net
Message-ID: <4m0h5q$bf0@news.wco.com>
Source record: 202047

I dont think you have properly instructed yourself on the use of the radio. The "Bug" you described does not exist. I have had no problem.

Also the radio default to narrow-FM if you have not selected or deselected the AMOD #31. The problem will be fixed once you have discovered this...

In article <4l9lj4$sja@mule2.mindspring.com>,
dddavis@atl.mindspring.com says...
>
>I just received my FT-50R dual band HT and am very happy with it. I
>won;t say much about physical dimensions, etc. since it is the same as
>the FT-10/40 which most have seen. I have gotten good reports on
>transmit audio, and the receive audio is very good as well. The only
>physical difference wirth mentioning is that the SMA connector is
>reversed from that on the FT-10/40. Thus, the Comet SMA-3 will fit. I
>don't have any good reason to do that, though. The supplied antenna
>seems fine and is 2" shorter. Also, the antenna has a sort of shroud
>which goes into the radio and seals.
>
>I have discovered one "bug". If the APO feature is on, you cannot
>select a PL tone in VFO. Note you can turn tone on and off, but you
>cannot select what it is. This feature works fine (as described in the
>manual) when APO is off. It's an easy problem to work around, but
>potentially confusing. Luckily, I had used the feature prior to
>turning APO on, so I knew it would work and I just had to retrace my
>steps. I would have been baffled if I had started out with APO on. If
>someone discovers I am doing something wrong, let me know or post a
>correction.
>
>All in all, a VERY nice radio. The high power version was only $10
>more than low power, so I bought the HP and an additional low power
>battery. I'd love to see mods to open receive into the 50 MHz and 220
>MHz bands.
>
>One other small thing: I tried to receive a broadcast FM station
>(several in fact) using the wide FM setting. The signal, though
>strong, was distorted as if wide FM was not quite wide enough. (I did
>verify that I was set for wide.) Any comments? Don (KE4KYO)
>

1571. Alinco DJ-G5 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: Kevin Bednar <bednark@garden.net>
Message-ID: <3183C9E1.78E7@garden.net>
Source record: 202048

Does anyone know where I can find mods for the above HT?
I need these ASAP. Thanks in advance.

Kevin Bednar
KB2YPU

1572. DVR 2-2, any wayu to improve?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: jpll@vectorbd.vivanet.com
Message-ID: <4m0jhl$rfk@vectorbd.vectorbd.com>
Source record: 202049

The Kantronics DVR 2-2 is frankly, a piece of junk. I think even "K" is ashamed of it. Anyway, I inherited 2 of them and want to use them as an IF radio for a 1268MHz link. Anyone have an tips on how to tighten the DVR up a bit. The site(s) would be near an IM alley where the DVR directly on an antenna failed *very* miserably. Before even wasting any time with them as an IF unit, I'd like to improve them. Any ideas?

TIA -Jim

--

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Jim Lill jpll@vectorbd.com
http://www.vectorbd.com/users/jpll
wa2zkd@wb2psi.#wny.usa.na
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

1573. JVFAX 7.0 Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: Brian Webb <102670.1206@CompuServe.COM>
Message-ID: <4m0jpj$61f$1@mhade.production.compuserve.com>
Source record: 202050
Cross-posted to: de.comm.ham,fj.rec.ham,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.shortwave

I'm finishing an article on HF FAX reception and I need to know
where a person would go to get a copy of JVFAX 7.0. Are there
any websites with it?

Regards,

Brian Webb, KD6NRP

1574. Wide Band Rec HT's?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <3183BF70.1EF9@mail.rust.net>
Source record: 202051

Can someone please provide a list of HT's that have WIDE band receive, including the 800-MHz. band?

Thanks, Bill Crocker

1575. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <5dc_9604281609@woodybbs.com>
Source record: 202052

```
: I'm sure I saw a reference to a fix for this problem, but I haven't
: been able to locate it via any of the www search engines. A friend has
: an HTX202 that he uses with the remote speaker/mic, and even though his
: signal is S9, the audio is very low. I hope that someone can point me
: to a fix for his problem.

Sounds silly, but make sure he's speaking into the microphone - located
in the bottom-right of the RS Speaker-mike. Makes a world of difference!

clint.bradford@atdbbs.com
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.
```

1576. Low Transmit Audio IC-2410

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4m0rtg$86f@rock101.genie.net>
Source record: 202053

The ICOM 2410 is well-known for having low transmit audio with the stock microphone. Apparently ICOM was trying to reduce background noise by forcing the user to all but shout into the microphone.

I read an early review where the reviewer replaced the stock microphone with another standard ICOM mobile mic and found the transmit audio was back up where it "should" be. I cannot find that review. Can anyone identify the other ICOM mobile microphones that can be used with the IC-2410 to bring the transmit audio up? Thanks!

--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

1577. Re: Hy-gain DX88 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: nitz@clark.net
Message-ID: <4m0sp4$1k4@clarknet.clark.net>
Source record: 202054
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <317EBDBF.6486@snefru.comm2000.it>, mcimato@snefru.comm2000.it says...
>
>Anyone can tell me experiencies with this kind of antenna?
>What about the expansion kit for 160 m.?
>
>Any suggestion will be appreciated.
>
>
>
>73,
>IZ2ADI, Maurizio

Maurizio:

I have a high-gain DX-88 sitting in my basement. I used it for about 1 year, and concluded that in all but a few circumstances, a G5RV dipole at 10 meters high is a better antenna.

The DX-88 is a good omnidirectional antenna for 10, 12, 15, 17 and 20 meters. The 40 and 80 meter performance was marginal, at best. I didn't install any ground radials, which is recommended for this antenna. Installation was easy; my antenna was ground mounted. It took me about two hours to put the antenna together, but I could do it again in 25 minutes (experience!).

My impression of this antenna is that it's a good compromise if you can't put up a dipole; however you must have ground radials if you expect to transmit on 40 and 80 meters. You should ask around about the R7 and GAP verticals, as well. Good luck, Maurizio.

73,

[Jim Nitzberg WX3B]

1578. PJ-068 MIL-SPEC MICROPHONE PLUGS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996Apr28.170854.118803@kuhub.cc.ukans.edu>
Source record: 202055

::::::::::::::> MIL-SPEC PJ-068 MIC PLUGS <::::::::::::::

Original PJ-068 (Littel-Plug) microphone plugs manufactured by
Kings Electronics.

These are NOS units made in accordance with MIL-P-642A
and are supplied as original equipment to the US military
and Collins Radio.

Highest quality materials and advanced molding technique
provide firm internal interlock. Parts will not shift in
position. Screw terminals.

Black plastic handle inscribed with the following
lettering:

KINGS
PJ-068

These plugs fit Collins, Drake, and others that specify
a .206" 3-conductor phone-type mic plug.

These plugs retail for about $14 + shipping (if you can
find them!)

My price: $7.50 each (I pay shipping)

::

1579. 8877 war stories? ur input

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: no9z@prairienet.org
Message-ID: <4m102g$arm@vixen.cso.uiuc.edu>
Source record: 202056

I am thinking of buying a HF amp which uses an 8877. I have heard
some stories about tubes failing. Do you have any personal experience,
good or bad? I guess reliability is the question. The amp has a
grid trip circuit. My second choice is an 3cx1200A7 or 3cx1200D7
Any comments appreciated. 73 Lynn
--

1580. IC 471 METER DROP AFTER WARMUP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: rfburns <doogie@pop.fast.net>
Message-ID: <4m108a$rk9@nn.fast.net>
Source record: 202057

ANYONE HAVE THIS HAPPEN TO THEM
AFTER THE RADIO HAS BEEN ON FOR A WHILE
THE METER GRADUALLY FALLS
THE LOCAL REPEATER COMES IN AT ALMOST 60 OVER
WHEN I FIRST TURN IT ON AFTER IT HAS BEEN ON FOR A FEW HOURS
IT DROPS TO LESS THAN 20 OVER
IT DOES NOT LOSE SENSITIVITY
AS CHECKED WITH A MARGINAL REPEATER
ITS WEIRD HAVENT HAD THE RADIO LONG AND STILL COVERED
BY THE DEALER AS USED WARRANTY
WOULD LIKE INPUT
DOUG

1581. Re: Questions on Drake SW4A and SPR4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: rpeebles@ix.netcom.com
Message-ID: <4m0t1d$pk2@dfw-ixnews8.ix.netcom.com>
Source record: 202058

In <4m0h1n$tq4@pulp.ucs.ualberta.ca> cdorn@gpu.srv.ualberta.ca (Chris Dorn) writes:
>
>Hello,
> I am looking for info and/or experience with the Drake SW4A and the >SPR4. I have a Drake catalog from 1977 listing the SPR4 and its specs, >and it looks interesting. Any comments on performance, current >availablity, and prices?
> I don't have a lot on the SW4A. I understand that it came out in >1966, and I am guessing that it was modeled on the R4A. Is that >correct? Obviously it is a tube RX, but how was the performance with >this one? Again, I am interested in availablity and prices for the >SW4A. Thanks very much,
>Chris VE6RDC
>

The SW-4A covered LW, MW, and the international shortwave broadcast bnads. Unlike the SPR-4, the SW-4A was AM only and does not have the capability to add extra frequency ranges. On the shortwave bands the radio used the same IF as the R-4A, but the vfo in the SW-4A is solid state.

--
Rob Peebles, WD8LXX
Dublin, Ohio

1582. Morse-Code-Trainer for PC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: c.schumann@magnet.at
Message-ID: <2517958654.16300914@magnet.at>
Source record: 202059

I got a lot of morse-code-trainers for the Mac - thank you!
But does anybody have one of these programs for the PC - a morse-code-trainer
for DOS or WINDOWS?

c.schumann@magnet.at

Thank you!

cs

1583. For Sale - Hy-Gain V-2S Two Meter Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: ronholt@ix.netcom.com
Message-ID: <N.042896.193339.20@ix-pen-nj1-25.ix.netcom.com>
Source record: 202060

I have a Hy-Gain V-2S antenna for sale. In excellent condition. I also have instruction manual. I bought the antenna new and the only reason it's up for sale is because I just put up a 2 meter/ 440 antenna.

Price is $40. You pay the shipping. Email ronholt@ix.netcom.com

Thanks - Ron KC2SF

1584. Yaesu FLDX2000 Linear - info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-28 00:00:00 UTC
From: dmarling@fox.nstn.ca
Message-ID: <dmarling.2.001477A5@fox.nstn.ca>
Source record: 202061

I would appreciate information on the YAESU FLDX2000 linear amplifier. What tube or tubes does it use? What is the power output? What is/was the reliability? Any other general info as well would be appreciated. Please email me at: dmarling@fox.nstn.ca

Thank you.

Dave (VE1VQ)

1585. test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4m3j1g$pdf@news1.warwick.net>
Source record: 201912

```
test
```

1586. Hallicrafters S-40B Receiver HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4m3jhk$pdf@news1.warwick.net>
Source record: 201913

Hi name is Nick and tnx fer reading this post. I have just aquired the above radio in very poor condition. the previous owner said the radio powered up fine but could get no audio out of the rig. Well he is correct all SEEMS to be OK but no audio output. Any ideas? Schematics? Hints? Kinks? etc. The RCA Victor tube and GE tube appear to be OK. Any ideas also as to the year of manufacture or the reciever type?

Any and all help or ideas is appreciated

73 Nick

1587. Re: Morse-Code-Trainer for PC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: mysonscool@aol.com
Message-ID: <4m3lg1$128@newsbf02.news.aol.com>
Source record: 201914

In article <2517958654.16300914@magnet.at>, c.schumann@magnet.at (Christof A. Schumann) writes:

>I got a lot of morse-code-trainers for the Mac - thank you!
>But does anybody have one of these programs for the PC - a
morse-code-trainer
>for DOS or WINDOWS?

Try Super Morse, I haven't learned my code yet, but this one has been recommended to me.

-Brad
KB2RWT

1588. Re: Help with HT-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: teacherjh@aol.com
Message-ID: <4m3kvc$p3@newsbf02.news.aol.com>
Source record: 201915

>>
Hi Folks, just bought a used HT-202 used but sans manual. I'm going
crackers
trying to figure out how to open the AA battery pack to install battery's.
Also in the dark as to how long to charge the NiCad pack for.
Yet another quetion, can the Charger be used as the Ext Power source that
can
be plugged into the top of the radio?
<<
To open the Alkaline AA battery pack (which I use to hold more NiCads)
just press down on the metal part (the top part) while holding the pack by
the sides. The inside (and bottom) will come out. It only goes back in
one way... so be gentle when you put it back together. If it doesn't go
in easily, put it in the other way.

The NiCad pack gets charged for about 14 hours using the RS trickle
charger that comes with the radio.... this is pretty typical of NiCads.
The little screws at the bottom of the pack are for a drop in charger..
dunno how long for that.

The charger canNOT be used as a power source for the radio, it does not
supply enough juice.

Radio Shack sells the manual for the radio.. dunno how much it costs, but
it is probably just as cheap as copying it (and less trouble)

There have been some postings about other functions... check out the
postings in this group (rec.radio.amateur.equipment, if not cross posted)
and the rec.radio.amateur.misc group.

Jose KD1SB

1589. Re: Re Pro 2042

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: slwork@netcom.com
Message-ID: <slworkDqn9q4.H3A@netcom.com>
Source record: 201916
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner

Lou DeMartino (Ldtech@voicenet.com) wrote:
: Does any one know how to mod a Rs Pro 2042

Read the April 1996 issue of Monitoring Times.

1590. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: "Jim \"Stagger\" Lee" <n9qpi@ldd.net>
Message-ID: <31857944.171F@ldd.net>
Source record: 201917

Hello,
I recently purchased a Magellan 2000 and have discovered that it
is very inaccurate. Does any one have any suggestions as to what to
purchase. I am returning the 2000. I would like to use this in ARES,
CIVIL DEFENSE and WEATHER SPOTTING. Thanks in advance.
--

Jim "Stagger" Lee,

Internet: n9qpi@ldd.net
http://www.ldd.net/scribers/n9qpi
Amateur Radio Operator Callsign: N9QPI
Packet FBB v5.15c: N9QPI @ N9QPI.#SIL.IL.USA.NA
TCP/IP: n9qpi@n9qpi.ampr.org [44.73.236.193]
Pony Express: PO Box 366, Cairo IL, 62914-0366
Tele: 618-734-1318 Fax: 618-734-1383

We are born with our eyes closed and our mouths open,
and we spend our whole lives trying to reverse the mistake of nature.
--- Dale E. Turner

1591. >>> WANTED!!: Senior Analog Circuit Designers <<<

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: ryoung@wchat.on.ca
Message-ID: <ryoung-2904962348170001@g2-p7.wchat.on.ca>
Source record: 201918
Cross-posted to: rec.radio.amateur.digital.misc,comp.dsp,rec.radio.amateur.equipment,alt.electronics.analog.vlsi,alt.radio.digital,alt.radio.networks.npr

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Fax: (416) 502-2544
E-mail: adv@maple.net

Further information may be obtained by calling:
(416) 502-2545

1592. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: Ken Knapp <skyking@prolog.net>
Message-ID: <Pine.SOL.3.91.960429160555.5814A-100000@ns1.ptd.net>
Source record: 201919

Bill,

There are cops everywhere. Just like on the air, there are tons of people
waiting to tell you what you are "doing wrong" I figure if I want to read
a post, I'll read it. If I'm not interested, I'll skip it. A lot easier
then sending replies to people who author posts that I don't approve of.

IMHO...

On Mon, 29 Apr 1996, Bill Hosking wrote:

> Date: Mon, 29 APR 96 15:46:46 GMT
> From: Bill Hosking <p05328@email.mot.com>
> Newgroups: rec.radio.amateur.equipment
> Subject: What's Going On Here, folks
>
> What's going on here folks? I have been following this list for 6 months or
> more on more or less regular basis. My observation was that about 50% of the
> traffic was FS, WTB, or NEED. So, wanting to unload my TS140, I posted it here
> only to get blasted by some character calling him(her?)self "Ham Burger" and
> told to take it to another group.
>
> Is this a moderated group? If we're not supposed to buy/sell here, how come
> about 50% of the traffic is for that purpose? I have to say that email from an
> anonymous remailer with the nickname "Ham Burger" doesn't have much
> credibility with me. At least if I do post incorrectly, my call sign is
> hanging out there for all to see.
>
> Bill, W7JSW
> billh@getnet.com
>
>

1593. Re: IC 706 - Low Power!??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4m2k2b$fo1@newsroom.HITC.COM>
Source record: 201920

> The radio output is only 25 W...I think that the radio is
> broken because adjusting the power output to H is only give > me 25 Watts !!

Roberto:

I am only a week into my "rice box," but in case it helps...

I assume you are not seeing 100 W on CW or SSB modes and that you know how to measure it correctly. You may not know that the output power is adjustable/settable for EACH band via the Q menu (Q for "quick set"). Make sure the Q menu is set for high power on each band (change the VFO freq to a given band and then go to the Q menu by pressing and holding DISP button--press DISP to get out of the Q menu). If you see "MEMO" in the display, you are in memory mode, not VFO mode. Power output is also adjustable/settable for each memory channel by going to Q menu on a given memory channel.

If above doesn't get you back to 100 W, even into a dummy load (anything more than 2:1 SWR will also automatically reduce power output), I am clueless as to the cause.

Good luck & 73

1594. Re: IC706 Control Software ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4m2lkm$h4h@newsroom.HITC.COM>
Source record: 201921
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

> From Bryan Sheppard <g4cvf@g4cvf.demon.co.uk>
> Organization bryan
> Date Thu, 25 Apr 1996 21:43:17 +0100
> Newsgroups uk.radio.amateur
> Message-ID <9rBZzCAlP+fxEwBN@g4cvf.demon.co.uk>
>
> Does anybody know of any control software for use with
> the Icom IC706 HF rig ?
>
> I'm looking for something that will do all the usual
> control functions (frequency input, band/mode change etc)
> and also store memories WITH THEIR ALPHA/NUMERIC TAGS.

Bryan:

There are some shareware programs like LogEQF which support the Icom CI-V interface. I just ordered a hardware interface kit from JBI (800-524-8658). This kit connects serial PC port to radio and includes several shareware programs like LogEQF which JBI says will work with the Icom interface. Ergo, it seems there are programs available, but I can't name them for you (just yet).

I am posting this to another newsgroup in hopes someone may have more specific recommendations.

73 de Chris

1595. Heath HW-2036A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: Tom Schleiff <tomas@ipa.net>
Message-ID: <4m2npd$p19@katbert.ipa.net>
Source record: 201922

Urgently need schmatic for the Heath HW2036A 2-mtr rig. Pls e-mail tomas@ipa.net with your expected $$. This is a vintage and excellent rig, but it do have some problems...

73's KA2ACV/5

1596. Re: Logikey K-1 Microprocessor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr29.134544.27456@ke4zv.atl.ga.us>
Source record: 201923

In article <4m1u0j$68a@infa.central.susx.ac.uk> sylvank@central.susx.ac.uk (Sylvan Katz) writes:
>I fried the microprocessor in my Logikey K-1. Can someone tell me from whom I
>can order a 68HC705C8 chip (the curtis chip I believe). I don't believe
>they are available in the UK.

The Curtis chip has a number of 8044ABM, and is available from
Mouser Electronics ($19.95), but that doesn't sound like the same
chip. It's a 20 pin narrow DIP package. Jade sells a complete
keyer based on the Curtis chip for $39.95. A quick search didn't
turn up Logikey, is that the company name, or just the name of
the keyer?

Gary
--
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Lawrenceville, GA 30244 | |

1597. Re: Do I need an amplified mic?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr29.141637.27615@ke4zv.atl.ga.us>
Source record: 201924

In article <4m1svm$11be@info4.rus.uni-stuttgart.de>
moritz@ipers1.e-technik.uni-stuttgart.de () writes:
>>What advantages are there to using a base type microphone with an amplifier
>>in it? Do I really need one? Will it improve my transmissions?
>
>Well, if you use an mike amplifier with a gain of 10, you get a tenfold
>range of your transmitter. It's as simpla as that.
>
>73, Moritz DL5UH

Shame on you, Moritz! Lets not contribute to another spatter generator
with such myths.

There's no need to use an amplified microphone unless your radio has
insufficient audio gain to achieve a satisfactory modulation level
with its regular microphone. In other words, if you turn the radio
audio gain all the way up and still don't have full modulation with
the regular microphone, then an amplified microphone may be required.
More likely, however, is that something is broken in either the regular
microphone or the radio and you should repair the fault instead of
bandaiding it with a "power mike". The factory was smart enough to
match the microphone supplied to the radio requirements. The power
mike will most likely simply overload the radio audio circuits and
cause a great deal of distortion products to be generated.

You won't talk further, but you will be less intelligible, and
your "spatter" will disrupt communications on adjacent frequencies.

Some radios do indeed use an amplified microphone, however, and the
microphone supplied by the factory already has the amplifier in it.
If you want to change to another type of microphone, in this case
it would be necessary to use an aftermarket amplified microphone.
Certain Icom radios fall in this category, and the Icom SM-6 is
an example of an amplified stand microphone. It works well with
the radios for which it is designed, but could overdrive radios
that do not require an amplified microphone.

And in the case of certain elderly radios which were designed for
high impedance high output crystal microphones (like the original
D-104), you may need to use an amplified microphone when you replace
the element with a more modern type (that's the purpose of the
amplified D-104). Condenser microphones are very low output, and
also generally require an amplifier to allow them to be used with
a transmitter. And, an amplifier can be used merely as an impedance
matcher to allow low impedance elements to be used with transmitters
requiring high impedance microphones (or vice versa). But in this

case it is not so much gain you are getting as a proper impedance
match.

Unless your application falls into one of the special purpose
categories mentioned, and unless your radio came with an amplified
microphone, you probably should *not* try to use an amplified
microphone with it. Consult your owner's manual. If the microphone
input is specified as -50 dbm 600 ohms, then you do *not* want
to use an amplified microphone with it. However, if the spec
is for -30 dbm 600 ohms, then you *do* need an amplified microphone,
and the factory should have already supplied one with the radio.

Gary
--
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1598. Re: Help with Alinco DR-150T Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr29.141835.27691@ke4zv.atl.ga.us>
Source record: 201925

In article <4m1d8j$9gb@news.dx.net> dougd@lrbcg.com writes:
>I'm unable to permanently program the repeater offsets into
>memory. I have the manual but the translation from Japanese
>to English must have skipped a cog.
>I can enter the freq. into memory ok. I can punch in the 60
>Kilohertz (-) offset, and as long as I don't move from that
>display I can transmit with the shift OK. The next time I
>return to that frequency, the shift is gone. Can anyone
>help?

Set the offset *before* you store the frequency in memory.
The offset will be stored with the frequency.

Gary

--
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Lawrenceville, GA 30244 | |

1599. Re: DVR 2-2, any wayu to improve?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr29.143150.27827@ke4zv.atl.ga.us>
Source record: 201926

In article <4m0jhl$rfk@vectorbd.vectorbd.com> jpll@vectorbd.vivanet.com (Jim Lill) writes:
>The Kantronics DVR 2-2 is frankly, a piece of junk. I think even "K" is
>ashamed of it. Anyway, I inherited 2 of them and want to use them as an
>IF radio for a 1268MHz link. Anyone have an tips on how to tighten the
>DVR up a bit. The site(s) would be near an IM alley where the DVR
>directly on an antenna failed *very* miserably. Before even wasting any
>time with them as an IF unit, I'd like to improve them. Any ideas?

Well, this radio has practically no preselector filtering, but if your
transverter does, this may not be an issue. And the first stage has a
low intercept, but if your transverter has conversion loss, this may
not be an issue either. And the IF filters aren't very tight, but if
the signals you're going to receive have a good noise margin, this
may not matter either.

If points one and two aren't true for your transverter, then an
external 2m bandpass filter should be used. And you may want to
add a simple pi attenuator internal to the radio to limit the
amount of signal the receiver sees. If point 3 isn't true, you
may want to fit a tighter IF filter.

I'd give it a try as is first. You might be surprised. The
transverter may already cure most of its ills.

Gary
--
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1600. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr29.181157.29042@ke4zv.atl.ga.us>
Source record: 201927

In article <4m2n4v$jms@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>You've made a small error with peak voltage or Ohm's law Gary.
>
>>This amp requires 60 watts of drive. That's 54.77 volts across the
>>50 ohm grid resistor.
>
>That's incorrect. In AB1 the peak voltage can be 56 volts with 56 volts of
>bias. The RMS voltage (assuming an RF drive signal free of harmonics) is
>.707 times 56 volts, or ~40 volts. That is 32 watts of drive Gary, not 60
>watts.

The 54.77 volts is RMS of course. Drive is stated as 60 watts, and
54.77 volts is the correct RMS voltage for 60 watts across 50 ohms.
The peak voltage would be 77.22 volts. You are incorrect, however in
stating that the peak voltage can only be 56 volts for AB1 because
you've neglected the cathode resistor. There is a discrepency between
the text of the article and the diagram here. In the text, a 30 ohm
cathode resistor is called out, but on the diagram a 20 ohm resistor
is shown. Going with the value in the text, and the stated 550 mA (RMS)
of current drawn by the tube at 60 watts drive given in the parameters
table, we find that the cathode is raised above common by 16.5 volts (RMS)
or 23.26 volts peak. Added to the -56 volts static bias, that gives
79.26 volts between grid and cathode. So the 77.22 volts peak drive
is still within the correct range.

>>Then perhaps you should look at the ARRL lab test data on the conversion
>>(available on oak.oakland.edu). Second order products are down 50 db and
>>third order products are down 68 db for single tone transmit on a
>frequency
>>of 14.175 MHz at rated operating conditions. On the two tone test, worst
>>case products are -38 db at 2 kHz from the carrier, and no more than -48
>db
>>at 4 kHz from the carrier. Not too shabby for a simple untuned input amp,
>>and better than the MLA2500 did with the original pair of 8875 GG
>triodes.
>
>Your data is either inaccurate or incomplete.
>
>NONE of your text about IMD makes any sense at all. How can the third
>order products be 68 dB down, and why is the two tone IMD rated in
>frequency and not product order?

Obviously, the 68 db product for a *single* tone, is the third
harmonic level of the amplifier when driven CW fashion. Product
in this case may be a poor choice of words. It is a product of the

amplifier, but it isn't a product in the conventional mixing sense.
This isn't IMD. The IMD number is for the two tone test, of course.
The first two products in that case are spaced at 2 kHz and 4 kHz
from the (suppressed) carrier frequency, and are -38 db and -48 db
respectively.

>Perhaps you have harmonics confused with second order products and IMD?

From context, it should be obvious what I meant, but I do admit I
didn't phrase it well. Look at the plots yourself at oak.oakland.edu.

>>>Tetrode circuits are a real design pain compared to triodes, and I've
>>>never seen any of the "marketing tools" the author has gotten published
>>>properly address tetrode design. Of course that may be because I have
>"an
>>>Ox that was gored, or a tempest in a tea pot, or a bad hair day".
>>
>>It certainly must be, since you don't have a technical leg to stand
>>on with your criticisms of the articles.
>
>Gary, I usually try to refrain from responding to personal comments, but
>this is really too much. Let's talk about a "short technical leg".
>
>You (incorrectly) made the following statements:
>
>1.) Tetrodes are cleaner than than triodes.

They generally are. Let me select the best tetrode amplifier for
a given power gain and you choose the best triode amplifier for
the same power gain, and I'll wager the tetrode will be cleaner.
Of course you can find examples of dirty tetrode amps and clean
triode amps, but I can equally point to dirty triode amps and
clean tetrode amps. When you choose the best of each for a given
power gain, however, I maintain the tetrode will win. That should
even be obvious if you compare the triode and tetrode equations.

>2.) VHF operators are more skilled than HF operators.

I believe that to be true, for VHF operators using high power
vacuum tube amplifiers. That's mostly EME and MS types, who
generally have built the amplifier themselves (there being
very few commercial amplifiers to purchase). I would claim
that they are likely to be more knowledgeable about the operation
of their amplifiers than someone who burned the plastic for
an Ameritron and twisted the knobs for maximum smoke (the more
typical case among HF operators as you stated yourself).

>3.) VHF amateur amplifiers have tighter IMD restrictions than HF amps.

Indeed, spelled out in 97.307 (d) and (e). Spurious products must
be down 40 db for HF amps and 60 db for VHF amps. Don't blame me,
the FCC makes the rules.

>4.) You calculated the drive power of a simple grid driven tetrode
>incorrectly, probably because you confused peak voltage and RMS drive
>voltage.

And you ignored the cathode resistor. I admit I should have gone
into exhaustive detail, as I have this time, on the grid voltage
situation, but your comments were flawed by the false assumption
that 56 volts was the total potential difference between grid and
cathode. (And I *told* you there was a cathode resistor in the
circuit.)

>It would be niceif you were a little gentler with personal comments,
>especially while making such wild technical and factual errors! If you
>have a technical disagreement, state your point with facts. Childish and
>immature personal cliche's have no place in a technical discussion.

Is that the pot calling the kettle black? It was your wild, vicious,
and totally unwarranted attack on the integrity of the QST editors
and the author of the tube article that led to a pointed response
in kind. And indeed, while I may have been casual in reporting about
the MLA2500 modification article, you admit *YOU HADN'T READ IT AT
ALL* when you lit in with more unwarranted and baseless criticisms.

Gary
--
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1601. Re: Help selecting a 2m HT (Newbie)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: Brian Webb <102670.1206@CompuServe.COM>
Message-ID: <4m14mq$b3c$1@mhadg.production.compuserve.com>
Source record: 201972

I bought a Radio Shack HTX-202 three years ago. I'm very rough with equipment and my -202 has survived a lot of abuse. It doesn't have many memory channels, but it's rugged and works well. I would be wary of buying Kenwood gear----lousy repair/tech support.

73s

Brian Webb, KD6NRP

1602. F/S: Cleaning out Shack!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: FSWF37A@prodigy.com
Message-ID: <4m1dah$qp6@usenetw1.news.prodigy.com>
Source record: 201973

The listing is from Jerry WA2ZBN

1. Kenwood 820S $700
110-220v es 12v Power supply
cw filter preamp mike and footswitch

2. Kenwood 440 All Mode $800
USB-LSB with encoder and decoder

3. Kenwood 2 Meter All Mode $800
4. Henry 2002A 2 Meter Amp.
25w in 850w out $1000
5. Yaesu 757GX with auto tuner $800
6. Hustler Mobile-Xmas tree $150
coils for 160-10M
7. Kawasaki 3900 Generator 25 Amps
110-220 Volts w/ Meters $1000
8. Ameco PT2 Preamp $110
9. Autek CW audio filter $ 75
10. Mimic CW paddle on Marble stand $ 75
11. Drake phone patch $ 75
12. Mosley Traps for TA-33 $ 10 ea.
Feedline Harness $ 25
Mosley Traps for TA-36 $ 10 ea.
Feedline Harness $ 25
13. Electro Voice 630 Mic $ 50
14. Astatic 336L $ 50
15. Electrovoice 664 $ 75
16. Electrovoice 632 $ 50
17. Argone AR54 Crystal Mic $ 75
18. Turner Dynamic Mic $ 75
19. D-104 w/ stand $ 75
20. Slim X777S Crystal Mike $ 35
21. T32 Antique Mic $ 75

Call Jerry WA2ZBN at (516) 599-1484
after 6PM only...

Not responsible for typos
Do NOT reply to me, please.....
73, Jim WB2TPS

1603. Manual Wanted for Yaesu FT-470

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: metzb1@lightside.com
Message-ID: <4m1h4r$dlf@covina.lightside.com>
Source record: 201974

Hi, folks:

According to the Yaesu home page, the subject manual is no longer available from them. I inherited (literally) this radio with no manual an I am interested in purchasing one. Please e-mail if you know where I can find one. TIA.

Regards,

Brian Metz

1604. WTB> Yaesu Ext. Digital Display.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4m1nbp$70e@coranto.ucs.mun.ca>
Source record: 201975

Wanted to buy an external yaesu digital display for older analog
Yaesu transceivers/receivers. Not sure of the model number but if was made
in the 70's. E-mail with price an condition.

1605. Logikey K-1 Microprocessor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: sylvank@central.susx.ac.uk
Message-ID: <4m1u0j$68a@infa.central.susx.ac.uk>
Source record: 201976

I fried the microprocessor in my Logikey K-1. Can someone tell me from whom I can order a 68HC705C8 chip (the curtis chip I believe). I don't believe they are available in the UK.

TNX
Sylvan (G0TZX & VE5ZX)

1606. Re: Do I need an amplified mic?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4m1svm$11be@info4.rus.uni-stuttgart.de>
Source record: 201977

>What advantages are there to using a base type microphone with an amplifier
>in it? Do I really need one? Will it improve my transmissions?

Well, if you use an mike amplifier with a gain of 10, you get a tenfold
range of your transmitter. It's as simpla as that.

73, Moritz DL5UH

1607. Help with Alinco DR-150T Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: dougd@lrbcg.com
Message-ID: <4m1d8j$9gb@news.dx.net>
Source record: 201978

I'm unable to permanently program the repeater offsets into memory. I have the manual but the translation from Japanese to English must have skipped a cog.
I can enter the freq. into memory ok. I can punch in the 60 Kilohertz (-) offset, and as long as I don't move from that display I can transmit with the shift OK. The next time I return to that frequency, the shift is gone. Can anyone help?

Dougd.

1608. Voice sysnthsizers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: carters@igrin.co.nz
Message-ID: <4m236q$d6l@midland.co.nz>
Source record: 201979

Hello there. I am looking for a voice synthsizer to fit Icom IC 3200E
If any one has one please send e-mail message to:
carters@igrin.co.nz
Thank you

1609. Re: Questions on Drake SW4A and SPR4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <27142.830776967@safety.ics.uci.edu>
Source record: 201980

Hi Chris:

A quick note to you about the SW4A. I just found one and am working
on it. It is an AM only receiver, only partly patterned on the R4
series. It is not suitable for amateur use since it has only
the AM detector. Great for SW BC listening though!

Clark
WA3JPG

1610. questions on drake sw4a and spr4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: sabinw@crpl.cedar-rapids.lib.ia.us
Message-ID: <4m2ckl$hce@flood.weeg.uiowa.edu>
Source record: 201981

If you want a good CW receiver get a National SW3 rather than a Drake SW4.

1611. Re: CW Crystals - Marshfield, MO - Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DqMHE0.37K@iglou.com>
Source record: 201982

No. You usually never do hear anything from them. i had the same
experience. Guess they just keep your money. They did mine.

Paul Christensen (paulc@ccjet.net) wrote:
: I am awaiting 25 FT-243 crystals from him. It's now been more than two months.
: Is this typical?

: -Paul, N9AZ

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1612. Re: FS: Heath SB-640 remote VFO for SB-101 and SB-102

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4m2fl0$meq@mksrv1.dseg.ti.com>
Source record: 201983
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

In article <4lm6su$bl1@crash.microserve.net>, jackl@pinetree.microserve.com says...
>
> QRP%mimi@magic.itg.ti.com (D.W.Hemphill KC5NG) wrote:
>
>>FOR SALE: - a rare item -
>>Heathkit SB-640 remote VFO (really a LMO).
>>Matches SB-101 and SB-102 transceivers.
>>Fresh alignment, tubes checked good.
>
>Isn't the remote VFO for the SB-102 solid-state?
>
>73,
>Jack WB3U

Well, this one isn't, and I've never seen one that is. The LMO that's inside the SB-102 xcvr IS solid-state, but not the one in the SB-640.

BTW... the SB-640 is sold.

1613. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: burch@netline.net
Message-ID: <4m2j14$4n0@tesla.netline.net>
Source record: 201984

cmoore@vegas.ch.intel.com (Cecil A. Moore~) wrote:

>Then how do you propose to educate ignorant posters? IMHO, for sale
>postings on this group are like fleas on my dog. It's a dirty job,
>but someone has to do it. For sale postings to this group are
>absolutely against the guidelines and supporting violation of the
>guidelines is destructive. This newsgroup can easily be killed
>by for sale and binary postings. Such acts are similar to
>interference on the air by hams who transmit before they listen.

>73, Cecil, KG7BK, OOTC (not speaking for my employer)

Point taken, but like I said before, many people don't have access to ALL of the ham radio groups so they CAN'T always post to the correct newsgroup. If you don't want to read certain topics, put them in your kill file and don't download them (there are several FREE newsreaders that do this.) If everyone had access to the same newsgroups, I would agree 100% with you. And since this message is off topic, I am not going to post about it anymore.

P.S. My internet provider only has around 3500 newgroups out of the 16000 that are available through the internet.

KE4ZQV

1614. MFJ 10 Band Vertical-Opinions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: chudes4732@aol.com
Message-ID: <4m2l1n$iv8@newsbf02.news.aol.com>
Source record: 201985

I am looking for opinions on the MFJ 10 band vertical, particularly performance on 40,20,15,10. Has anyone compared performance, construction, durability with Gap Eagle, Titan, etc.? My Gap Eagle was bent over by the winter storms and I am thinking about replacing or repairing.

Thanks,
Matthew
N6YJL

1615. ANY HAMS OUT THERE ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: jorgegc@lander.es
Message-ID: <4m2lsb$d3o@lince.lander.es>
Source record: 201986
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Hello dear friends:

I would like to know if there are any hams in this system as I haven't seen any messages.
By the way I would appreciatte to receive schemas, draws, sizes and way of construction on antennas for HF, both monobanders & multibanders, preferibly easy vertical or wire aerials.
Please send your messages and info this way or even better by post to my address (QSL 100%) :
EA5VD Francisco J. Garc�a
P.O.Box 123
E-46080 Valencia SPAIN

Or by E-mail: jorgegc@lander.es

LOOK FORWARD YOUR MESSAGES 73's

1616. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4m2nai$jpr@newsbf02.news.aol.com>
Source record: 201987

Hi Joe,
In article <4ltbpa$2i4@ram2.ramlink.net>, subich@ramlink.net (Joe Subich)
writes:

>The control grid is biased at -56 Volts. The article does not make any
>reference to operating class of the tube (the data packet from ARRL does
>not provide the information either).

The peak grid-cathode RF voltage can not be allowed to exceed 56 volts.
That requires a grid-cathode resistance of around 18 ohms for 90 watts of
drive. The correct AB1 formula for a simple shunt grid resistance is: R=
Eg^2 / 2Pdrv

A 50 ohm L pad can be calculated using ohm's law: .707bias / sqrt(p/50) =
Rgrid. The input series R would of course be: 50 - Rgrid = Rs

With 90 watts and 56 volts of bias, 30 ohms of grid-cathode shunt
resistance fed by a series 20 ohm resistor would provide both proper grid
resistance and exciter loading.

>The MLA-2500 grid current position on the multimeter was converted to
>read screen current (60 mA full scale). The screen uses a regulated
>supply (voltage doubler from the 120 volt transformer winding to a
>zener diode/pass transistor regulator). I have no idea how the
>regulator
>performs under dynamic conditions.

That would be interesting to see. A two tone test may not show
irregularities in screen dynamic regulation that cause splatter with voice
peaks.

>The article looks "formula" in that it simply uses a 50 Ohm grid
>resistor
>rather than matching the grid resistor to the operating class and using
>a
>resistive "L" pad (or other attenuator) to match the available drive.
>Such a design would also allow the modified amplifier to be "scaled" to
>match 100 Watt rigs, 150 Watt rigs or 200 Watt rigs (FT-1000).

>proper tetrode design isn't as much of a burden in industrial
>applications
>where the operation is at a single frequency and consistent power level
>(RF heating, etc.). There one needn't be as concerned with input
>matching
>over a wide frequency range or IMD.
>

Another concern of mine is that many exciters actually get "dirtier" when thee output is reduced. My IC 751A, FT-1000D, Yeasu 747, and IC-706 all show decreased IMD performance at very low exciter outputs. Plus ALC overshoot becomes a problem.
Using the wrong grid resistor is foolish, I'm surprised no one looked at the correct method of selecting the resistor.

73, Tom

1617. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4m2n4v$jms@newsbf02.news.aol.com>
Source record: 201988

Hi Gary,

You've made a small error with peak voltage or Ohm's law Gary.

>This amp requires 60 watts of drive. That's 54.77 volts across the
>50 ohm grid resistor.

That's incorrect. In AB1 the peak voltage can be 56 volts with 56 volts of bias. The RMS voltage (assuming an RF drive signal free of harmonics) is .707 times 56 volts, or ~40 volts. That is 32 watts of drive Gary, not 60 watts.

>Then perhaps you should look at the ARRL lab test data on the conversion
>(available on oak.oakland.edu). Second order products are down 50 db and
>third order products are down 68 db for single tone transmit on a
frequency
>of 14.175 MHz at rated operating conditions. On the two tone test, worst
>case products are -38 db at 2 kHz from the carrier, and no more than -48
db
>at 4 kHz from the carrier. Not too shabby for a simple untuned input amp,
>and better than the MLA2500 did with the original pair of 8875 GG
triodes.

Your data is either inaccurate or incomplete.

NONE of your text about IMD makes any sense at all. How can the third order products be 68 dB down, and why is the two tone IMD rated in frequency and not product order?

Perhaps you have harmonics confused with second order products and IMD?

>>Tetrode circuits are a real design pain compared to triodes, and I've
>>never seen any of the "marketing tools" the author has gotten published
>>properly address tetrode design. Of course that may be because I have
"an
>>Ox that was gored, or a tempest in a tea pot, or a bad hair day".
>
>It certainly must be, since you don't have a technical leg to stand
>on with your criticisms of the articles.

Gary, I usually try to refrain from responding to personal comments, but this is really too much. Let's talk about a "short technical leg".

You (incorrectly) made the following statements:

1.) Tetrodes are cleaner than than triodes.

2.) VHF operators are more skilled than HF operators.

3.) VHF amateur amplifiers have tighter IMD restrictions than HF amps.

4.) You calculated the drive power of a simple grid driven tetrode incorrectly, probably because you confused peak voltage and RMS drive voltage.

It would be niceif you were a little gentler with personal comments, especially while making such wild technical and factual errors! If you have a technical disagreement, state your point with facts. Childish and immature personal cliche's have no place in a technical discussion.

73 Tom

1618. WTB: Old mechanical calculators - EDAM 042912

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: phil@SANDH.COM
Message-ID: <0000264F00001DCC@SANDH.COM>
Source record: 201989

I am interested in purchasing old mechanical calculators and slide rules.

I collect the old electro-mechanical "rotary" calculators that were made by Friden, Marchant, Monroe, and other manufacturers from the period of the 1900's through the late 1960's. I also collect non-electrical mechanical calculators and am especially interested in hand-held Curta brand calculators. I am not interested in adding machines that print on tape or electronic calculators.

If you have an old mechanical calculator or slide rule collecting dust in a closet, please send me an e-mail message.

Phil Sherrod (phil@sandh.com)

-- 12: usenet.rec.radio.amateur.equipment --

1619. IC-706 comments WTD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: Mike Lynn <100135.2612@CompuServe.COM>
Message-ID: <4m2rpk$47k$4@mhafn.production.compuserve.com>
Source record: 201990

Anyone,

Iv'e seen the ICOM 706 and it looks pretty cool.

before i spend my money can anyone give me any comments on it.

Mike

100135.2612@compuserve.com

--
Mike Lynn
Comms Guru
lynnm@westpac.demon.co.uk
compuserve 100135,2612

1620. Re: Do I need an amplified mic?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: nitz@clark.net
Message-ID: <4m2srv$6b5@clarknet.clark.net>
Source record: 201991

In article <4m1svm$11be@info4.rus.uni-stuttgart.de>,
moritz@ipers1.e-technik.uni-stuttgart.de says...
>
>>What advantages are there to using a base type microphone with an amplifier
>>in it? Do I really need one? Will it improve my transmissions?
>
>Well, if you use an mike amplifier with a gain of 10, you get a tenfold
>range of your transmitter. It's as simpla as that.
>
>73, Moritz DL5UH
>
>

The advantages of using an amplified mic are a stronger, more audible signal, if your radio isn't capable of providing sufficient audio gain on its own. Most current radio equipment doesn't need to be driven with amplified microphones, however if you have a soft voice, it might help.

As far as increasing your transmitter range 10 fold, I don't agree. In order to double your effective signal strength, you must quadruple your effective radiated power. It's unlikely that an amplified microphone would do that, unless your audio input from a non-amplified mic is extremely low.

Hope this helps!

73,

[Jim Nitzberg WX3B]

1621. Re: Wide Band Rec HT's?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <3185025e.1838830@news.deltanet.com>
Source record: 201992

These are the ones that I know will rx in the 800MHz area......
Icom w2a
Yeasu ft-530 (older versions)
Standard c-568
Kenwood 78
The rx sensitivity is marginal on most of these, and If you are buying
an ht so you can listen to 800, I recommend an 800MHz radio. Standard
has a HX-580 that will do all types of trunking.

73 mike

Bill Crocker <billc@mail.rust.net> wrote:

>Can someone please provide a list of HT's that have WIDE band receive,
>including the 800-MHz. band?
>
>Thanks, Bill Crocker

.-. .-.
/ \ .-. .-. / \
/ \ / \ .-. _ .-. / \ / \
/--Mike Krueger KC6ZSF------/---\---/-\---/---\-----/---mikek@deltanet.com\
\ / \ / `-' `-' \ / \ /
\ / `-' `-' \ /
`-' `-'

1622. Re: Do I need an amplified mic?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4m2v7o$oh8@mksrv1.dseg.ti.com>
Source record: 201993

In article <4lohs4$310@panix.com>, ekv@panix.com says...
>
>Hi,
>I have a TS-830S and am currently using a RS mobile mic on it.
>It seems to work good. I have the mic gain and compression settings on
>the rig.
>What advantages are there to using a base type microphone with an amplifier
>
>in it? Do I really need one? Will it improve my transmissions?
>
>Thanks for your reply
>73 de KB2VTN
>
>--
> Elmar Vaher **********----------**********
> ekv@panix.com

Elmar,
I've been using nothing but Kenwood rigs in my home station since
the early 1980s. I have used non-amplified low-Z dynamic mics,
non-amplified electret condensor mics, and amplified dynamic mics.
All of them worked fine and provided plenty of audio to drive the
rigs to full output power. Based on this experience, I'd suggest
that, if you have a non-amplified mic that you're considering using
on your rig, use it. Don't bother buying an amplified mic. Save
your money for other things.

73 de KC5NG

1623. Re: HTX-212 Modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: shamrock@microagewny.com
Message-ID: <4m2pij$de1@mawny.microagewny.com>
Source record: 201994

In article <3182BE60.105F@tima.com>, John Scheiwe <jscheiwe@tima.com> says:
>
>Does any one have the mods for an HTX-212? This is a 45 watt mobile rig
>from Radio Shack. Thanks,
>
>KB9LTI
>John Scheiwe
>Bedford, IN
>jscheiwe@tima.com

Sorry John,
But I think that is RS best kept secret...been looking for a year
and haven't seen or heard of any yet...
Was hopeing to be able to mod/upgrade to Htx-242 specs but so far nothing
..been talking to a few RS reps that would also like to see a factory
authorized upgrade for a reasonable fee...RS would make money and we
the consumer would have better radio.

BTW: the htx-242 is jjust like the 212 but has a few more memory channels
and the ability to put out-of-ham-band freq recieve in memory, <which
in the Htx-212 could only be put in Vfo memory>.

73's
Bill
N2YTE
shamrock@microagewny.com
****
****** NOTE: old e-mail address was shamrock@buffnet.net ******
****

1624. Re: intermod vs overload

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: 73573.1504@compuserve.com
Message-ID: <4m3021$2eg@nntpa.cb.att.com>
Source record: 201995

Let me add my $.02 worth to this discussion.

Intermods (an abbreviation for intermodulation distortion products) is caused by the mixing of 2 (or more carriers) to produce a sum and difference product. The mathematical relationship for the frequency of the intermodulation products can be expressed as follows:

fi = (m x f1 + n x f2)

where

fi is the frequency of the intermod product
f1, f2 are the frequency of the 2 carriers
m, n are positive or negative integers

m + n is called the order of the intermodulation product.

The third order intermodulation products are the most troublesome because 2 carriers that are in-band can produce an intermod product that is also in-band.

For instance, 2 strong UHF carriers carriers at 443 and 444 Mhz produce third order intermod products at

f = -1 x 443 + 2 x 444 = 445 Mhz and
f = 2 x 443 + -1 x 444 = 442 Mhz.

These intermod products are also within the ham UHF band and therefore will not be filtered by any of the filters within the receive circuitry of the radio. They will appear at the IF portion of the receiver just as any other carrier and if the real carrier at that frequency is weak, interference will result. The mixing of the 2 carriers can take place at any non-linear portion of the receiver, but the most likely place is at the mixer. The only solution to the problem is to select a mixer that produces intermod products whose amplitudes are low enough not to cause interference. These high level mixers are generally bigger in physical size and also require a higher drive level for the LO. The higher drive level for the LO requires more amplification, places more current drain on the battery, and etc. All of this contributes to a bigger more expensive radio, so careful tradeoffs are required.

The important thing to keep in mind is that if the interference is truly being caused by intermods more filtering is generally not a fix.

Sorry for the length of this follow-up, but I wanted to be thorough. I will leave it to others to give a good explantion of receiver overload. My understanding is that it is due to a very strong signal

overcoming the filtering in the receiver and showing up in the output.

73
KA3QJM
Opinions Expresses Are Entirely My Own.
In Fact It Is Rare That Anybody Agrees With Me.

Mike Penner | "Firearms Stand Next In Importance To The
Lucent Technologies | Constitution Itself. They Are The American
map@cbmsg.att.com | People's Liberty Teeth." George Washington

1625. Re: Low Transmit Audio IC-2410

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: kjones@sun-link.com
Message-ID: <318509c4.184959239@news.netrax.net>
Source record: 201996

Once upon a time, flanagan@genie.com wrote 12 lines on the subject:
Low Transmit Audio IC-2410; here's some of it:

>The ICOM 2410 is well-known for having low transmit audio with the stock
>microphone. Apparently ICOM was trying to reduce background noise by
>forcing the user to all but shout into the microphone.

Well known? I have two of those beasts, and never have had a
complaint of low TX audio. On the monitor, I see peaks at five, and
slight clipping evident (IOW, perfectly adjusted) when I use the
microphone sideways at the corner of my mouth. Nothing on the radio
but me. Just like it needs to be.

What kind of working distance do you like? I've always close talked
palm mikes, but always to the side (across the face, not into it).

I NEVER false the DTMF decoders on any local repeater, not something
I can say for the Kenwood users, whose sets seem to have Loads of
Gain in the speech amp.

73,

Ken Jones
--
(mailto:kjones@sun-link.com) (CIS:73135,1243)
KB3JA -- Maidenhead Grid: FM19mu
SKYWARN observer in York Co. PA, listening 147.330 W3MUM/R
PGP Fingerprint 0xFE99B25D; key avail on public servers

1626. Re: 8877 war stories? ur input

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4m34o9$86s@mule1.mindspring.com>
Source record: 201997

no9z@prairienet.org (Lynn D. Osterbur) wrote:

> I am thinking of buying a HF amp which uses an 8877. I have heard
>some stories about tubes failing. Do you have any personal experience,
>good or bad? I guess reliability is the question. The amp has a
>grid trip circuit. My second choice is an 3cx1200A7 or 3cx1200D7
> Any comments appreciated. 73 Lynn
>--
I have found the 8877 to be very reliable. I have had an amp using
them for 9 years and am on my second 8877. I have a source for almost
new 400 to 900 hours of use at 25% of the current retail, too.

Dave K4JRB

1627. Re: Re Pro 2042

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: Lou DeMartino <Ldtech@voicenet.com>
Message-ID: <318506BF.44A4@voicenet.com>
Source record: 201998
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner

Does any one know how to mod a Rs Pro 2042

Thanks Lou

1628. What is a vendolyzer??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4m34uh$86s@mule1.mindspring.com>
Source record: 201999

In a recent visit to a SK's basement I ran across an old piece of test equipment called a "Vendolyzer". Does anybody know what this is?

The test piece is very old and was probably used in the broadcast industry.

73, Dave Thompson K4JRB
thompson@mindspring.com

1629. What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: p05328@email.mot.com
Message-ID: <1996Apr29.185515.19406@schbbs.mot.com>
Source record: 202000

What's going on here folks? I have been following this list for 6 months or more on more or less regular basis. My observation was that about 50% of the traffic was FS, WTB, or NEED. So, wanting to unload my TS140, I posted it here only to get blasted by some character calling him(her?)self "Ham Burger" and told to take it to another group.

Is this a moderated group? If we're not supposed to buy/sell here, how come about 50% of the traffic is for that purpose? I have to say that email from an anonymous remailer with the nickname "Ham Burger" doesn't have much credibility with me. At least if I do post incorrectly, my call sign is hanging out there for all to see.

Bill, W7JSW
billh@getnet.com

1630. Re: Re Pro 2042

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: jadams@ahoynet.com
Message-ID: <31854fcb.221622@news.cais.com>
Source record: 202001
Cross-posted to: alt.radio.scanner,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.scanner

Lou DeMartino <Ldtech@voicenet.com> wrote:

>Does any one know how to mod a Rs Pro 2042
>
>Thanks Lou

I use the GRE 9001 superconverter.

1631. Help with HT-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <801.6693T1006T993@nycmetro.com>
Source record: 202002

Hi Folks, just bought a used HT-202 used but sans manual. I'm going crackers trying to figure out how to open the AA battery pack to install battery's. Also in the dark as to how long to charge the NiCad pack for.
Yet another quetion, can the Charger be used as the Ext Power source that can be plugged into the top of the radio?

Lastly anyone have a manual for the HT-202 they'd be willing to Copy for me? I'd be happy to reimburse for the copying and shipping. Thanx folks.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

1632. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-2904961429370001@wpaul-mac.qualcomm.com>
Source record: 202003

In article <41a7cc$335a.183@NEWS>, mouer@mail.ameritel.net (Dan Mouer) wrote:

> I have an HTX-202 (1 watt low, 5 watt hi).
>
> I am looking to get a 5/8 wave mag mount ant. but I don't know which one I
> should get. Maybe even a 5/8 @ RadShak would be enough, I don't know and
> that's why I'm posting this here.
>
I can't answer any of your specific questions, but here is my comment on
the Larsen antenna.
I bought mine at HRO and the salesman said the whip was pretuned, so I
don't have to cut it or anything. Howexer, after checking it out, the SWR
was around 2.5:1 and the lowest point SWR (1.1:1) was happening around
133MHz. I started cutting down the whip, and by the time I was done, I got
the SWR @ 146MHz down to 1.1:1 . So either A) the salesman didn't know
what he was talking about B) Larsen tunes thier whips lousy, or C) the
salesman handed me the wrong whip.
I have a feeling it was C or maybe A, but now that everything is all tuned
up, there is a night and day difference between the rubber duck and the
mobile antennas.
Good luck
-BP

Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com

1633. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-2904961435230001@wpaul-mac.qualcomm.com>
Source record: 202004

In article <bpaul-2904961429370001@wpaul-mac.qualcomm.com>,
bpaul@qualcomm.com (Bill Paul) wrote:

> In article <41a7cc$335a.183@NEWS>, mouer@mail.ameritel.net (Dan Mouer) wrote:
>
> > I have an HTX-202 (1 watt low, 5 watt hi).
> >
> > I am looking to get a 5/8 wave mag mount ant. but I don't know which one I
> > should get. Maybe even a 5/8 @ RadShak would be enough, I don't know and
> > that's why I'm posting this here.
> >
> I can't answer any of your specific questions, but here is my comment on
> the Larsen antenna.
> I bought mine at HRO and the salesman said the whip was pretuned, so I
> don't have to cut it or anything. Howexer, after checking it out, the SWR
> was around 2.5:1 and the lowest point SWR (1.1:1) was happening around
> 133MHz. I started cutting down the whip, and by the time I was done, I got

Forgot to mention that I had to cut off about 9"! Off a 36" whip, that's alot!
-BP

> the SWR @ 146MHz down to 1.1:1 . So either A) the salesman didn't know
> what he was talking about B) Larsen tunes thier whips lousy, or C) the
> salesman handed me the wrong whip.
> I have a feeling it was C or maybe A, but now that everything is all tuned
> up, there is a night and day difference between the rubber duck and the
> mobile antennas.
> Good luck
> -BP
>

Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com

1634. Re: KPC-3 Problem - HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <4m38ma$1og@news.mhv.net>
Source record: 202005

In article <4lvojd$cq4@server2.codetel.net.do>, Bill Meara <w.meara@codetel.net.do> wrote:
>Help! My KPC-3 TNC suddenly lost the ability to go into Command mode.
>I'm using PACTERM software. When I type Control C, instead of getting
>"CMD:", I get a heart! I appreciate the sentiment, but would really
>prefer to be in the command mode! I tried a hard reboot, but that didn't
>help. Any ideas?
>
>73 Bill, N2CQR/HI8
>

Your going to have to hard re-set the tnc. See page 105 of the manual. If
you don't have the manual do the following:

Turn off unit.
Open the KPC-3.
Locate the hard reset jumper (J7). They are labled on the board.
Place jumper on BOTH pins.
Apply power to tnc.
Observe the display, it should say Checksum OK
Ram O.K. xxxk BYTES
Clock not present
replace test jumper.

Now turn power off.
Return jumper J7 to normal position (one pin only)
Put cover back on.

Your terminal program has to be set for 1200 Baud.

You'll have to re-do your settings after that.

Others may say to send a certain code to the tnc. I tried this and it did not
work. So I had to resort to a hard reset.

Hope I've helped!

Tom

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and they are not that of MHV.NET!

1635. Need Reference material

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: Thomas.Smith@bbs.woodybbs.com
Message-ID: <5ee_9604291135@woodybbs.com>
Source record: 202006

Once again, your fearless poster needs some help finding information...

I need to find a source for a chart listing the CQ Zones and ITU Regions
for a logging program I am testing...right now, I am having a vicious
time trying to figure out which call in which zones...any help on this
is greatly appreciated.

Note: I am looking more for a book that breaks these regions down, BOTH
by map and reference chart (i.e., more specific data), and not just a
map (that one the ARRL has is nice, but I'm not sure of its detail for
specific locations/coordinates).

Please respond in this echo...thanks...

* RM 1.31 2831 * ... this is your radio. THIS IS YOUR RADIO ON TUBES!
--
|Fidonet: Thomas Smith 1:2619/228
|Internet: Thomas.Smith@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1636. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996Apr29.163903.515@nad.com>
Source record: 202007

In article <4m2j14$4n0@tesla.netline.net>, burch@netline.net (Burch Akin) writes:
> cmoore@vegas.ch.intel.com (Cecil A. Moore~) wrote:
>
>
>>Then how do you propose to educate ignorant posters? IMHO, for sale
>>postings on this group are like fleas on my dog. It's a dirty job,
>>but someone has to do it. For sale postings to this group are
>>absolutely against the guidelines and supporting violation of the
>>guidelines is destructive. This newsgroup can easily be killed
>>by for sale and binary postings. Such acts are similar to
>>interference on the air by hams who transmit before they listen.
>
>>73, Cecil, KG7BK, OOTC (not speaking for my employer)
>
> Point taken, but like I said before, many people don't have access to
> ALL of the ham radio groups so they CAN'T always post to the correct
> newsgroup. If you don't want to read certain topics, put them in your
> kill file and don't download them (there are several FREE newsreaders
> that do this.) If everyone had access to the same newsgroups, I would
> agree 100% with you. And since this message is off topic, I am not
> going to post about it anymore.
>
> P.S. My internet provider only has around 3500 newgroups out of the
> 16000 that are available through the internet.
>
> KE4ZQV

There are email-news gateways that let you post to ANY group, even if your
site doesn't carry it. Try sending a post to <news-group>@cs.utexas.edu
Substitute say, rec-radio-swap for <news-group> (note the . to - transposition).
And post first to a test group to verify it.
Just be sure you tell the readers to respond via email!

73,
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

1637. Alinco DJ-G5T Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: Kevin Bednar <bednark@garden.net>
Message-ID: <318547A9.18C0@garden.net>
Source record: 202008
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

To extend the TX (RX is already extended) do the following:

1) Remove the 4 screws that hold the back cover of the unit on.

2) CAREFULLY pry the case apart (It's helps to remove the VFO/Mem/etc knob first)

3) On the FRONT portion (DTMF Pad) of the case, in the upper right-hand corner you will see a BLUE wire. Cut that carefully.

4) Reassemble the unit.

5) While holding the FUNC key, press POWER to reset the unit.

6) Viola! You know have extended TX!

Hope this helps all DJ-5GT users.

Sincerely,
Kevin Bednar
KB2YPU

1638. Amplifier Connection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: armck@magicnet.net
Message-ID: <4m3hd4$1i3@comet2.magicnet.net>
Source record: 202009

I have a Yaesu FT-840 and need to know if there is something extra
in connecting a Ameritron 811 to it. Do I need anything other than the
coax, and the ALC. Is a switching relay needed in lieu of the ALC
connection? Don't want to mess it up.....Thanks....Ray - KE4UYN

1639. QRO Power Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: jsutton@erols.com
Message-ID: <4m3em1$bi5@news7.erols.com>
Source record: 202010

I would appreciate receiving any comments re HF power amplifiers made by QRO - a company in Ohio. They are very similar to the Commander HF PA.

Comments please to:
Jim Sutton/AC4CZ
jsutton@erols.com

73 and Many thanks
Jim/AC4CZ

1640. Re: MFJ 10 Band Vertical-Opinions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-29 00:00:00 UTC
From: rolfe@ibm.net
Message-ID: <4m3bgv$ih5@rosebud.ldp.com>
Source record: 202011

In <4m2l1n$iv8@newsbf02.news.aol.com>, chudes4732@aol.com (CHudes4732) writes:

>I am looking for opinions on the MFJ 10 band vertical, particularly
>performance on 40,20,15,10. Has anyone compared performance,
>construction, durability with Gap Eagle, Titan, etc.? My Gap Eagle was
>bent over by the winter storms and I am thinking about replacing or
>repairing.

I think you'll find that the main thing the "no-radial" verticals have going for them is just that -- no radials. In my experience, a traditional 1/4 wave -- possibly top-loaded -- vertical with ground radials will out-perform any of the "no-radial" variations by a significant margin.

MFJ makes both types. I'm currently trying out one of the 1/4 wave models for 80 and 40 and it works great (it's top-loaded on 80). I do have fifty 1/4 wavelength radials under it, and will add about twenty-five more as time allows. I'm considering building an array of four of these.

FWIW, I'm generally not a fan of MFJ equipment, but they've impressed me with this simple but well-constructed design as well as with their MFJ-259 antenna analyzer, which is probably the single most useful piece of equipment I've added to my collection in years.

Rolfe
W3VH
--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

1641. Re: 8877 war stories? ur input

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4m5f8h$541@pacific.mps.ohio-state.edu>
Source record: 201862

I have used 8877s since the early 1970s, and have built several amplifiers using them. Some of the early 8877s (1970s vintage) had production problems, and I had one develop an open filament. Mostly, however, 8877s are extremely rugged and long-lived, provided that they are used within their ratings. Some observations:

1. Don't exceed either the 4KV plate voltage (actually 4400V should be okay, but don't go any higher) rating or the 1.0 Amp plate current rating. The tubes will produce extraordinary amounts of power if pushed, but life expectancy will be greatly reduced. I remember EIMAC's Bob Sutherland W6PO telling me once of an EIMAC life test in which EIMAC engineers ran a single 8877 at 5KV and 2A plate current (10,000 Watts!) for several hours before it failed. (As I recall, they used a huge blower to carry off the heat.) The cathode surface area can't support more than 1.0 Amps emission without damage.

2. A grid current trip circuit is essential. If the grid is overheated, the gold plating will evaporate off the grid, shorting the tube life expectancy to several hundred hours. You won't notice any immediate problem, but the tube will be ruined.

3. Adhere to the specificed 4.75-5.25V filament voltage carefully. Many hams run the filament at the low end of the range in the belief that the tube life expectancy will be increased. I lost a tube by setting the voltage a 4.8V, without allowing for normal variations in the line voltage in my shack. Over time, I ran the filament too cool and ruined the tube. I'd stick to 5.0V to be on the safe side.

4. Don't use the fiberglass chimney (no longer sold, but still available at hamfests). You'll eventually have arcing problems between the anode and the chimney retaining clips. Better to spring for the teflon chimney.

5. I don't recommend the use of filament chokes, unless you want to drop the filament voltage a tenth of a volt or so (see point 3). I've done careful efficiency tests both with and without chokes and could see no difference. I also don't think filament inrush current limiters are necessary for the tube, though they seem to be in vogue these days.

6. Use good plate circuit design practice. I recommend a Radio Switch model 86 shorting switch for the bandswitch. A non-shorting switch can be used if absolutely necessary, but I'd recommend a larger switch (e.g. the model 88) to minimize arcing problems. Use of a non-shorting switch can lead to very high voltages induced on the unused inductances in the tank circuit (e.g., arcing of the 80 meter coil when operating on 10 meters) because of autotransformer effects. Also, take care to use good parasitic suprressors, preferably in the cathode circuit as well as the plate

circuit.

7. Make sure you let the tube warm up adequately before drawing plate current. The time delay on my amplifiers is set at five minutes.

73,

Jim W8ZR

1642. WTB: Heath Related Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: billrobb@serv01.net-link.net
Message-ID: <4m58lq$ir9@leol.net-link.net>
Source record: 201863

I am a Heathkit collector and want to buy:

Unassembled Heathkits
Heathkit Catalogs
Older Heath Gear

Please e-mail with item, condition and price.

Thanks,

Bill
WA8CDU Collector of Heath Gear, Kits and Catalogs

1643. Kenwood TM-241A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: pwardell@sirinet.net
Message-ID: <4m5ejt$8jh@ns2.sirinet.net>
Source record: 201864

Hello to all. Our club has recently come into the possesion of a new Radio Shack HTX-242 2 meter mobile radio. Our hopes are to use this radio as a remote base in conjunction with our DRC186 repeater controller. Side by side, the HTX-242 and the Kenwood TM-241A appear nearly identical. The Kenwood utilizes an 8 pin DIN type mike connector and the Radio Shack uses an 8 conductor modular plug (RJ-45). The pin-out for the HTX-242 is as follows:

1-Tone
2-Ground
3-Clock (CPU)
4-Control
5-Mic
6-PTT
7-5 VDC (500mA max)
8-Data (CPU)

Can anyone provide me with the pin-out for the Kenwood TM-241A radio. If anyone has already done the experimenting with this radio and a Doug Hall RBI-1 interface, please let me know how it went.

Thanks...Paul

1644. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: padawer@usit.net
Message-ID: <padawer-3004961213390001@padawer.ppp.usit.net>
Source record: 201865

I agree with you entirely, Bill. I've been following the rec.radio.* newsgroups for almost 7 years now, and suddenly we see the appearance of the "Ham Burger"... Instead of reacting, I think we should calmly ignore this idiot. (No, the newsgroup is not moderated. And, although chartered, non-moderated newsgroups utilize such charters as guidelines, not law. While rec.radio.swap is aptly titled, cross-posts don't bother me in the least.) 73 de WA4FJF

In article <1996Apr29.185515.19406@schbbs.mot.com>, p05328@email.mot.com (Bill Hosking) wrote:

> What's going on here folks? I have been following this list for 6 months or
> more on more or less regular basis. My observation was that about 50% of the
> traffic was FS, WTB, or NEED. So, wanting to unload my TS140, I posted it here
> only to get blasted by some character calling him(her?)self "Ham Burger" and
> told to take it to another group.
>
> Is this a moderated group? If we're not supposed to buy/sell here, how come
> about 50% of the traffic is for that purpose? I have to say that email from an
> anonymous remailer with the nickname "Ham Burger" doesn't have much
> credibility with me. At least if I do post incorrectly, my call sign is
> hanging out there for all to see.
>
> Bill, W7JSW
> billh@getnet.com

Randy Padawer, P.O. Box 1167, Knoxville, TN 37901-1167 U.S.of A
Internet: padawer@usit.net AOL: Ad Randy Tel.: (423) 637-7263
Department of Psychology, University of Tennessee, Knoxville, Tenn.

1645. Re: IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4m5d9u$17qt@chnews.ch.intel.com>
Source record: 201866

In article <4lvj2l$m2l@ram2.ramlink.net>, Tom <tomg@ramlink.net> wrote:
>Does anyone have any experience replacing the
>backup lithium battery in the IC 745 HF xcvr????

I wouldn't even attempt it. The computer program is stored in
volatile RAM so you would have to keep voltage on the RAM at
all times, a very tricky thing to do while changing batteries.
I sent mine to Icom, they changed the battery and reloaded the
latest program.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1646. Ten-Tec Transvertor Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: dougd@lrbcg.com
Message-ID: <4m5h9g$rqr@news.dx.net>
Source record: 201867

Has anyone ever built the 6 meter transvertor kit from
Ten-Tec? Or any of their kits?
Also need suggestions for a good tribander antenna for 2, 6,
70.

Doug

Sandusky CB Club - Sandusky Ohio
CB & Ham Radio Links
http://users.aol.com/ralph234/cb-page/cbclub.htm
http://www.amnorth.com/redbone/ham-page.html

1647. Re: Morse-Code-Trainer for PC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: jlkolb@sd.cts.com
Message-ID: <4m5mub$b5u@news3.cts.com>
Source record: 201868

: Try Super Morse, I haven't learned my code yet, but this one has been
: recommended to me.

Super Morse works great, and can be used at any level from beginning
to expert.

If you can't find it via the net somewhere, it can be downloaded
from RadioSport, (619) 279-3921 San Diego, CA

1648. Re: Help with HT-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: horak@convex.com
Message-ID: <4m5i87$ore@eugene.convex.com>
Source record: 201869

In <31862D6C.767A@use.usit.net> "J.D. Taliaferro" <talia@use.usit.net> writes:

>SARUMAN wrote:

>> Yet another quetion, can the Charger be used as the Ext Power source that can be plugged into the top of the radio?

> As I recall, no. Maybe not enough amperage to operate the thing,
> or something like that. I'm trying to remember from the
> manual...

You CAN use the adapter to operate the radio but ONLY in receive mode.
You CANNOT use it to transmit. Well, you might be able to get away
with a very short low power transmission but I wouldn't attempt it!

```
================================================================================
| |
| horak@convex.com - ~ (A plain-O address) |
| N5OFQ o O (A plain-O call) |
| David Horak '' (Not a plain-O Dave) |
| Plano, Texas /======\ (Not a plain-O town :-) |
| |
================================================================================
```

1649. Re: 8877 war stories? ur input

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4m5l5r$jjl@newsbf02.news.aol.com>
Source record: 201870

Hi Jim,
In article <4m5f8h$541@pacific.mps.ohio-state.edu>, James Garland
<garland@ohstpy.mps.ohio-state.edu> writes:
>1. Don't exceed either the 4KV plate voltage (actually 4400V should be
>okay, but don't go any higher) rating or the 1.0 Amp plate current
>rating. The tubes will produce extraordinary amounts of power if pushed,
>but life expectancy will be greatly reduced.

Life expectancy is mostly a matter of heater time. In amateur type duty
cycles, life shortening by exceeding CCS cathode emission ratings would
never be noticable.

>to carry off the heat.) The cathode surface area can't support more than
>1.0 Amps emission without damage.

Oxide cathodes aren't like fuses, life decrease is a gradual process over
time. It's often perfectly acceptable to run up to twice the CCS cathode
current in amateur IVS service. The cathode in the 8877 can support nearly
14 amps of emission current without damage if the duty cycle is low. The
same cathode is used in the 3CPX1500 at 50 amps of cathode current, Eimac
just runs the cathode hotter!

But the best rule is to stay at the ratings unless you understand and
accept any potential problems.

The real killer of emission is time and Gold migration caused by excessive
grid temperature. The oxide "evaporates" at nearly the same rate with zero
plate current or several amperes.
>
>2. A grid current trip circuit is essential. If the grid is overheated,
>the gold plating will evaporate off the grid, shorting the tube life
>expectancy to several hundred hours. You won't notice any immediate
>problem, but the tube will be ruined.

Absolutely correct, and fuses aren't nearly fast enough! Always use a
fast electronic grid trip circuit.

>3. Adhere to the specificed 4.75-5.25V filament voltage carefully. Many
>hams run the filament at the low end of the range in the belief that the
>tube life expectancy will be increased. I lost a tube by setting the
>voltage a 4.8V, without allowing for normal variations in the line
>voltage in my shack. Over time, I ran the filament too cool and ruined
>the tube. I'd stick to 5.0V to be on the safe side.

I've also seen 8877's come back bad in amplifiers with AG6K modifications
that lower filament voltage. Running the low limit of voltage is just as
dangerous as running the high limit for life, mainly because of cathode

poisioning. Like Jim says, stay at 5 volts.

>6. Use good plate circuit design practice. I recommend a Radio Switch
>model 86 shorting switch for the bandswitch. A non-shorting switch can be

>used if absolutely necessary, but I'd recommend a larger switch (e.g. the

>model 88) to minimize arcing problems. Use of a non-shorting switch can
>lead to very high voltages induced on the unused inductances in the tank
>circuit (e.g., arcing of the 80 meter coil when operating on 10 meters)
>because of autotransformer effects. Also, take care to use good parasitic

>suprressors, preferably in the cathode circuit as well as the plate
>circuit.

The switch is sound advice, but I've yet to see an 8877 that was unstable even without any suppressors. This has to be one of the best and most stable tubes ever manufactured. My advice would be to ground the grid through finger stock to the chassis. The feedback capacitance is so low and self neutralizing frequency so high the tube will be unconditionally stable without any external suppression.

>7. Make sure you let the tube warm up adequately before drawing plate
>current. The time delay on my amplifiers is set at five minutes.

The real killer (other than manufacturing defects) is excessive grid current. It boils gold off the grid, and some settles on the cathode. The gold is there to passivate the tungsten grid, and it has the same effect on the cathode. It bonds with the oxide and reduces emission, forcing the operator to use more grid dissipation for the same output and starting a destructive cycle.

The oxide also fails from sublimation, it simply "boils off" the cathode from heat. The oxide "wears away" (even with no plate current) whenever the heater is on.

73 Tom

1650. Alinco dx70

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: lewis39@aol.com
Message-ID: <4m5p90$kpi@newsbf02.news.aol.com>
Source record: 201871

I've been thinking about picking up the dx70 by Alinco and have only heard good things about it..... Is there anything bad? Any problems? Also are there any mods??

Thanks..

1651. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4m5tdc$2jv@crash.microserve.net>
Source record: 201872

"Thomas W. Castle" <afn17891@afn.org> wrote:

>The original concept was:
>
>101E - "Full Dress unit", everything but the optional filter;
>fan, speech processor, all xtals & 12VDC power supply on back.
>
>101EE - "Little less eqpt." no fan, no processor & some no 160
>x-tal installed. <no not all were exactly alike>

That last statement is exactly right. My FT-101EE had everything except the RF processor and optional CW filter. Even the fan was factory installed. I eventually added the Yaesu filter, and in '88 or '89 I installed the last RF processor that Yaesu had in stock in California.

If not for the amount of time I spend on CW, I would probably still have that rig. I've never used a more effective transmitter on SSB.

73,
Jack WB3U

1652. Re: Do I need an amplified mic?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4m5eqn$nh6@info4.rus.uni-stuttgart.de>
Source record: 201873

>This is much too optimistic. Transmitter range increase as the
>*square root* of mic gain. ;)

Should be better than that with an echo mike.

73, Moritz DL5UH

1653. Re: Wide Band Rec HT's?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: jefco@got.net
Message-ID: <31866E68.5C5E@got.net>
Source record: 201874

Mike Krueger wrote:
>
> These are the ones that I know will rx in the 800MHz area......
> Icom w2a
> Yeasu ft-530 (older versions)
> Standard c-568
> Kenwood 78...

Don't forget the Icom W31A. It can be modded to rx 50~920 mHz & seems to
do a good job of bringing in cellular.

--jeff, kf6bkg

1654. Bendix King plug in HT's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4m5oeu$a7j@nadine.teleport.com>
Source record: 201875

Does anyone have any experience with the Bendix King plug in HT's. These Ht's plug into a charger amp unit which is mounted in your car, or house. I'm woundering on pricing and whether they will reach into the 2meter band. Sounds like just what I need for my car. Sell the mobile and the HT to do it.

1655. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <318673d7.19420381@164.119.101.2>
Source record: 201876

On Mon, 29 Apr 1996 14:18:16 GMT, burch@netline.net (Burch Akin) wrote:

> cmoore@vegas.ch.intel.com (Cecil A. Moore~) wrote:

> >Then how do you propose to educate ignorant posters? IMHO, for sale
> >postings on this group are like fleas on my dog. It's a dirty job,
> >but someone has to do it. For sale postings to this group are
> >absolutely against the guidelines and supporting violation of the
> >guidelines is destructive. This newsgroup can easily be killed
> >by for sale and binary postings. Such acts are similar to
> >interference on the air by hams who transmit before they listen.

> >73, Cecil, KG7BK, OOTC (not speaking for my employer)

> Point taken, but like I said before, many people don't have access to
> ALL of the ham radio groups so they CAN'T always post to the correct
> newsgroup. If you don't want to read certain topics, put them in your
> kill file and don't download them (there are several FREE newsreaders
> that do this.) If everyone had access to the same newsgroups, I would
> agree 100% with you. And since this message is off topic, I am not
> going to post about it anymore.

> P.S. My internet provider only has around 3500 newgroups out of the
> 16000 that are available through the internet.

> KE4ZQV

I don't see the problem here. If the user doesn't have access to
rec.radio.swap, and he can't convince his provider to get it, then let him
do without. Is that such a hard thing to understand? Who told him that he
would be guaranteed access to a group to sell his equipment? Let THAT
person provide the group for him.

The real question is, why won't his provider carry the group? There are
certainly many other groups more objectionable than that one.

You only have 16000? I have some 19430 at last check.

Gary

1656. Re: IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: dhughes@efn.org
Message-ID: <318689ee.10782783@news.efn.org>
Source record: 201877

cmoore@vegas.ch.intel.com (Cecil A. Moore~) wrote:

>In article <4lvj2l$m2l@ram2.ramlink.net>, Tom <tomg@ramlink.net> wrote:
>>Does anyone have any experience replacing the
>>backup lithium battery in the IC 745 HF xcvr????
>
>I wouldn't even attempt it. The computer program is stored in
>volatile RAM so you would have to keep voltage on the RAM at
>all times, a very tricky thing to do while changing batteries.
>I sent mine to Icom, they changed the battery and reloaded the
>latest program.
>
>73, Cecil, KG7BK, OOTC (not speaking for my employer)

Actually it can be done if you are very careful. It requires that you parallel the batteries with those tiny leads with the hooks on the end. Then you unsolder the old battery, hook it back up across the new battery, then remove and solder in the new battery. One slip and your goose is cooked. I agree with Cecil. Much better to send it to Icom.

Dick Hughes - W7LVA

1657. HELP PSE:contacting Logikey

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: sylvank@central.susx.ac.uk
Message-ID: <4m5o5k$qen@infa.central.susx.ac.uk>
Source record: 201878

I need to contact Logikey to determine the cost and method for ordering
a replacement CW Microprocessors part number

MC68HC705C8P (OC16W QEHH9151)

for the Logikey Model K-1.

Their mailing address is

LOGIKEY DIVISION
IDIOM PRESS
BOX 583
DEERFIELD, IL 60015

However, they don't supply a telepone/fax/email contact point.

Can anyone help?

Sylvan Katz
(G0TZX & VE5ZX)

j.s.katz@sussex.ac.uk

*** Dr. J. Sylvan Katz ***
Science Policy Research Unit, Mantell Building, University of Sussex,
Falmer, Brighton, East Sussex, UK BN1 9RF
Tel: (01273) 686758 Fax: (01273) 685865
VE5ZX & G0TZX

1658. Re: 400Mhz Oscillator + Mixer. Help?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: aor <aor@gteais.com>
Message-ID: <31868E27.4877@gteais.com>
Source record: 201879

Matthew Sharpe wrote:
>
> Ok, this is homemade stuff...
>
> I have a signal at about 144Mhz (very low power) and want to mix this
> with 300 odd Mhz to put it in the 400Mhz band.
>
> 300 Mhz Local Oscillator (running off a 9.1v zenor) is an LC type
> circuit. If you have G.R.Jessop's VHF-UHF manual it's on page 4.17.
> I know the oscillator is running, I can pick it up on a reciever.
>
> This then mixes with the input signal using a "simple diode mixer"
> (page 4.24 top left) Basically this is 2 capacitors (100pf) joing the
> 2 signals into a diode.
>
> The problem is simple. It doesn't work! :)
>
> It this type of mixer a good idea? (I don't want to get into cavitys
> and complicated stuff) But perhaps something FET/Transistor based??
>
> What kind of screening do I need between the oscillator and the mixer?
> presumably lots?
>
> I do not know an awfull lot about rf electronics (I am building
> this for a friend)
>
> If you can suggest any improvements in the circuit or point me
> towards a better circuit or book then I would be most gratefull.
>
> Thanks,
> Mat

I have seen in the ARRL Handbook, a construction project to tripple a 2 meter signal onto the 440 band. It uses 5 diodes (Step Recovery or Snap Diodes) to clip and create the third harmonic. You can drive it with an ht, and still get 2 watts or so out on the 440 band. The only drawback is that it will work well with non-linear signals, such as CW and FM - where the modulation is not carried in amplitude. If this is not a problem, take a look.

Also, your rig may be fixed onto 5 kHz freq steps, making exact 440 freqs hard to do. I no not know how tight your freq requirements are on 440.

Best of luck,

NW2M

1659. IC-27A Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: rgagos@ix.netcom.com
Message-ID: <4m5mro$cnj@dfw-ixnews5.ix.netcom.com>
Source record: 201880

Can anyone help with schematic / block diagram for ICOM IC-27A mobile?
Need to troubleshoot open squelch circuit in this thing. Thanks,

Roger Gagos, AA6I
Escondido, CA
Email: rgagos@ix.netcom.com
FAX: (619)489-6121

1660. Re: Hy-gain DX88 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: Bob Dashoff <rdashoff@ucr.campus.mci.net>
Message-ID: <318609AC.5E39@ucr.campus.mci.net>
Source record: 201881
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

I have the DX-77, any questions on this antenna?

Bob.... KN6GA

1661. Re: Differences bet. FT-51R and IC-W31A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: Daniel Velez <dvelez@infi.net>
Message-ID: <3186B208.3047@infi.net>
Source record: 201882

Nick Maddix N1IHA wrote:
>
> I think I've narrowed my search for a dual band HT down to the Icom
> IC-W31A and the Yaesu FT-51R. I like the backlit keypads a lot. Anyone
> have any opinions on these radios? Experience? I need out-of band

I haven't played with the Icom, but I _can_ tell you I just _love_
having the ability to program my 51R using their Windows software
and comm port device. This is my favorite feature of the radio and a
BIG plus.

Dan

||||||||||||||||||||||||||||||||||||
Daniel Velez Aoooga!
dvelez@infi.net Aoooga!
N4WZR@WD4MIZ.VA Aoooga!
||||||||||||||||||||||||||||||||||||

1662. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: Daniel Velez <dvelez@infi.net>
Message-ID: <3186B2F8.6061@infi.net>
Source record: 201883

Bill Hosking wrote:
>
> What's going on here folks? I have been following this list for 6 months or
> more on more or less regular basis. My observation was that about 50% of the
> traffic was FS, WTB, or NEED. So, wanting to unload my TS140, I posted it here
> only to get blasted by some character calling him(her?)self "Ham Burger" and
> told to take it to another group.

Bill, ignore the idiots. We have our "dogs" here, too.

Dan
--
||||||||||||||||||||||||||||||||||||
Daniel Velez Aoooga!
dvelez@infi.net Aoooga!
N4WZR@WD4MIZ.VA Aoooga!
||||||||||||||||||||||||||||||||||||

1663. Alinco DJ-580 hand held for sale.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: jon27787@aol.com
Message-ID: <4m6ehh$si8@newsbf02.news.aol.com>
Source record: 201884

Good cond some small scraches.

Comes with speaker mike 2 Batts. charger and ant.

275$

1664. Re: Need copy of Manual for R.L.Drake SSR-1 reciever

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: history67@aol.com
Message-ID: <4m6n9p$2qj@newsbf02.news.aol.com>
Source record: 201885

thanks all for your help, n1wsc

1665. Hy-gain DX88

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: Asmartuser <mcimato@snefru.comm2000.it>
Message-ID: <318666B1.5CE2@snefru.comm2000.it>
Source record: 201886
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.equipment

Anyone can tell me experiencies with this vertical antenna?
I'm going to buy it.
What about the expansion kit for 160 m.?

Any suggestion will be appreciated.

73,

de IZ2ADI

1666. Hy-gain DX88

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: Asmartuser <mcimato@snefru.comm2000.it>
Message-ID: <3186606E.6FEB@snefru.comm2000.it>
Source record: 201887
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Anyone can tell me experiencies with this vertical antenna?
I'm going to buy it.
What about the expansion kit for 160 m.?

Any suggestion will be appreciated.

73,

de IZ2ADI

1667. FREE Shortwave and Ham Equipment Classifieds on the WEB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-3004962302580001@host48.cyberg8t.com>
Source record: 201888

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html.

This new classified section will allow Hams to search for equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear your interested in, each listing comes with point-and-click e-mail access, direct to the Ham that listed the item.

For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting will go on-line, in our classified search engine, immediately. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line within 1 hour. I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

1668. Large shortwave and Ham Classified Ads page on the web

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-3004962305370001@host48.cyberg8t.com>
Source record: 201889

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.csz.com/sarrio.html.

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--
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1669. Re: IC-706 comments WTD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr30.132340.2738@ke4zv.atl.ga.us>
Source record: 201890

In article <4m2rpk$47k$4@mhafn.production.compuserve.com> Mike Lynn
<100135.2612@CompuServe.COM> writes:
>Anyone,
>
>Iv'e seen the ICOM 706 and it looks pretty cool.
>
>before i spend my money can anyone give me any comments on it.

It's very small and it offers 160m-2m all mode. Nothing else does.
Those are the major good points. The bad points are primarily that
the receiver is subject to overload on HF if you aren't adept at
using the attenuator at appropriate times (though that's less of
a problem when using a mobile antenna), and the wideband VHF
receive sensitivity is horrible until you modify it (the mod
isn't hard to do).

It is a good radio, and easy to operate, and very easy to mount
in a mobile. It is not a great radio, but then nothing else in
its size class is either. The Alinco DX-70 has a better HF receiver,
but won't do 2m and is only 10 watts on 6m. The Yaesu FT900 has
a better HF receiver yet, and an internal auto tuner, but it is
quite a bit larger and doesn't have 6m or 2m. The Kenwood is not
in the same class at all, and can be ignored.

Subjectively, I like mine and plan to keep it. It has enough
features and options to keep you amused for quite a while, and
there's quite a bit of potential hidden in it that can be found
through judicious modifications. It isn't my primary station radio,
however. That position still belongs to my old faithful IC-735.
(And even that radio has been surpassed by the newer top of the
line radios by all three major manufacturers.) But the IC-706
makes a dandy mobile rig in today's tight autos.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1670. Large (FREE) Ham Equip. Classified Ads page on the WEB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-3004962318570001@host48.cyberg8t.com>
Source record: 201891

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For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting will go on-line, in our classified search engine, immediately. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line within 1 hour. I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

1671. DJ-582T forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: girardk@vivanet.com
Message-ID: <4m87l9$avr@vivanews.vivanet.com>
Source record: 201892

I have a One month old Alinco DJ-582T forsale.
It comes with two batteries and the box and all
the stuff that came with the radio.
I am asking $275.00 for it. Thanks....

1672. Re: intermod vs overload

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr30.141409.3048@ke4zv.atl.ga.us>
Source record: 201893

In article <4m3021$2eg@nntpa.cb.att.com> 73573.1504@compuserve.com (Mike A. Penner) writes:
>Let me add my $.02 worth to this discussion.
>
>Intermods (an abbreviation for intermodulation distortion products) is
>caused by the mixing of 2 (or more carriers) to produce a sum and
>difference product. The mathematical relationship for the frequency
>of the intermodulation products can be expressed as follows:
>
>fi = (m x f1 + n x f2)
>
>where
>
>fi is the frequency of the intermod product
>f1, f2 are the frequency of the 2 carriers
>m, n are positive or negative integers
>
>m + n is called the order of the intermodulation product.
>
>The third order intermodulation products are the most troublesome
>because 2 carriers that are in-band can produce an intermod product
>that is also in-band.
>
>For instance, 2 strong UHF carriers carriers at 443 and 444 Mhz
>produce third order intermod products at
>
>f = -1 x 443 + 2 x 444 = 445 Mhz and
>f = 2 x 443 + -1 x 444 = 442 Mhz.
>
>These intermod products are also within the ham UHF band and therefore
>will not be filtered by any of the filters within the receive
>circuitry of the radio. They will appear at the IF portion of the
>receiver just as any other carrier and if the real carrier at that
>frequency is weak, interference will result. The mixing of the 2
>carriers can take place at any non-linear portion of the receiver, but
>the most likely place is at the mixer. The only solution to the
>problem is to select a mixer that produces intermod products whose
>amplitudes are low enough not to cause interference. These high level
>mixers are generally bigger in physical size and also require a higher
>drive level for the LO. The higher drive level for the LO requires
>more amplification, places more current drain on the battery, and etc.
>All of this contributes to a bigger more expensive radio, so careful
>tradeoffs are required.
>

>The important thing to keep in mind is that if the interference is
>truly being caused by intermods more filtering is generally not a fix.

Good explanation, but intermod isn't limited to just in-band signals.
The usual culprits that hound us at VHF are pager transmitters operating
in the 150-160 MHz range. Thanks to poor (or non-existant) preselector
filtering in the receiver, these too can mix to produce in-band products
in the same manner as your example above. In this case, a good bandpass
filter in front of the receiver will help.

>Sorry for the length of this follow-up, but I wanted to be thorough.
>I will leave it to others to give a good explantion of receiver
>overload. My understanding is that it is due to a very strong signal
>overcoming the filtering in the receiver and showing up in the output.

That's called "blow-by".

Overload is when some stage is driven off its normal operating
point by strong signals. It normally occurs in the first RF
stage, but can happen in the mixer, post-mixer amplifier, or
even in the IF (though that would be unusual except if the
offending signal is on channel, thanks to the IF filter early
in the IF chain). When the first RF stage is driven off its
operating point, it can becomes a mixer, and so intermod can
accompany overload in a similar manner to what you describe
above, or other nasty products can be generated that find
their way into the rest of the receiver, IE overload can cause
a RF stage to generate "spatter", in much the same way an
overdriven linear amplifier at the transmitter can generate
"spatter". A high standing bias current is the primary
defense against this problem, often as much as 100 mA would
be used with a bipolar CATV trunk amplifier transistor, but
that eats batteries and isn't done in HTs. Negative feedback
can be employed as well, the Norton "noiseless" feedback circuit
is commonly used.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1673. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr30.143125.3150@ke4zv.atl.ga.us>
Source record: 201894

In article <1996Apr29.185515.19406@schbbs.mot.com> p05328@email.mot.com (Bill Hosking) writes:
>What's going on here folks? I have been following this list for 6 months or
>more on more or less regular basis. My observation was that about 50% of the
>traffic was FS, WTB, or NEED. So, wanting to unload my TS140, I posted it here
>only to get blasted by some character calling him(her?)self "Ham Burger" and
>told to take it to another group.
>
>Is this a moderated group? If we're not supposed to buy/sell here, how come
>about 50% of the traffic is for that purpose? I have to say that email from an
>anonymous remailer with the nickname "Ham Burger" doesn't have much
>credibility with me. At least if I do post incorrectly, my call sign is
>hanging out there for all to see.

This is not a moderated group, but it does have a charter and there is a FAQ for the Personal Radio newsgroups. Both say that this is a *discussion* list for talking about amateur equipment, equipment problems, equipment designs (including mods), etc. They specifically tell you that this is not a for sale group. The correct group for for sale postings is rec.radio.swap.

It is unfortunate that people do not read the charter or the FAQ for newsgroups before blindly posting inappropriate material. Such is life with the likes of AOL throwing newbies onto the net without even so much as a pointer to the group charter or the FAQ. Thus we periodically have to bring the group back on course by postings such as this. There's a reason why for sale items aren't allowed in this group, but I'll let you read the FAQ to find out what it is.

As your momma should have told you, just because you see others sticking their heads in the oven isn't a good reason for you to do it too.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1674. Re: GMRS equipment, need help finding

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr30.144031.3336@ke4zv.atl.ga.us>
Source record: 201895

In article <4m3uns$1ah@dfw-ixnews2.ix.netcom.com> dononeg@ix.netcom.com(Donald Swartz) writes:
>I am looking for information on where GMRS radio equipment can be
>acquired. I have only seen GMRS equipment offered by Radio Shack (I
>own two of these) and these fall far short of utilizing the full scope
>of this radio service.
>I would greatly appreciate any information on manufactures you can
>supply.

Most of the major two-way equipment manufacturers make these radios.
Motorola, GE/Ericsson, Tait, Maxon, etc all make GMRS models. Look
in your phone book under Two Way Radio dealers.

Gary

--
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Lawrenceville, GA 30244 | |

1675. Re: Satellite rig info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr30.152647.3522@ke4zv.atl.ga.us>
Source record: 201896

In article <31860144.7C62@cqg.com> Norm Hammar <norm@cqg.com> writes:
>
>What would be a good rig for getting started in satellite QSOs. I have
>been partial to Kenwood in my HF rigs, but would like to hear about all
>rigs that you mightrecommend. Thanks

The most widely used single radio for amateur satellite operation is
the Yaesu FT736R according to an AMSAT survey. This is a very good
radio which works the way you need a satellite radio to work. It is not
perfect (nothing is) but it is better than the boxes from the other
manufacturers all things considered. It is particularly better than
the Kenwood TS790A which I strongly urge you not to buy for satellite
operating (though aside from its thermal problems this radio is OK
for terrestrial use). The Icom IC970 is an excellent radio, but too
pricy for most of us. The IC820H is more competitive, but some of its
features aren't ideally suited for satellite operation.

The other good option, and in several ways a technically superior one,
is a pair of Icom Twins. The IC275H and IC475H make a wonderful mode B,
J, and pacsat station, with or without the satellite interface box sold
by Icom. The Kenwood TS711 and TS811 are not a good choice, too much
phase noise. Computer control is more challenging for the separates,
however, and the pair generally will cost more than an all in one box.

Finally, if you have a good HF rig suitable for driving transverters,
a good transverter is an option for one of the radios. But unless
your HF rig can operate duplex and handle two transverters at once,
it will be less useful than using one of the all in one radios intended
for satellite operation. You need to be able to monitor your downlink
while you are transmitting. This setup could substitute for one of
the separate radios, however. For mode B use, substituting a HF radio
with a good 2m receiving converter for the IC275H would be a good
plan because you can take advantage of the good filters in the HF
rig. But this would lock you out of mode J operation.

Gary
--
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Lawrenceville, GA 30244 | |

1676. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Apr30.154003.3618@ke4zv.atl.ga.us>
Source record: 201897

In article <Dqo6vr.D6J@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David Stockton) writes:
>W8JI Tom (w8jitom@aol.com) wrote:
>: Plus ALC
>: overshoot becomes a problem.
>
> This is classic! and the behaviour on speech with typical syllabic
>rates can be disgusting.
>
> The gain controlled amplifiers are usually operated in a region
>approximating to linear dB's per volt, while the detectors are in an
>approximately linear volts in to volts out region. The net result is
>level dependent loop gain; giving loop response that depends on the chosen
>power level.
>
> With a PA following an exciter, if the PA gain is enough to ensure
>that it compresses before the exciter (on all bands) then it makes sense
>to move the dominant ALC detector to the output of the PA, and to scale the
>detector output to set the loop gain to about what it was in the exciter
>when operated barefoot at it's prime design power - 100W.
>
> Better still would be to have a logarithmic power detector like an
>AD640 and redesign the ALC loop for a decent response that is not level
>dependent.

Perhaps better still is to have a PA with sufficient headroom and
negative feedback that it can deal with a range of drive powers
without resorting to ALC. This is where the common cathode tetrode
amp can shine. If you want to do compression, let a dedicated
speech processor in the exciter do that.

> Anyway, this firebottle and lightning voltage stuff is getting a bit
>passe, I think playing with bits of processed sand is a more deserving
>challenge. (Dons suit of armour, welding mask and gloves, digs foxhole
>and ducks)

I'd agree except the costs are still too high. RF power transistors
still run about $1 per watt while power tubes can be had for under
$0.20 per watt. The rest of the two types of amplifier may cost
roughly equivalent amounts, but the higher price for the transistors
is the killer.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems

Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1677. The Rules??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: billh@gn2.getnet.com
Message-ID: <4m40fq$ehs@news.getnet.com>
Source record: 201898

Well folks, I've been told the gospel according to "Ham Burger".
I'm kinda curious who this guy is-behind that anonymous mailer
and who put him in charge. At least you will find my call on my
postings.
We better pack up all our FS's, WTBs, Want to Find, Need, and
other such and go elsewhere. We're supposed to go into
rec.radio.swap with all the non-hams. Oh well.Methinks its gonna
get kinda empty here.
I apologize if I offended anyone.
73
Bill W7JSW

>Subject: FS:Kenwood TS140 HF XCVR
>To: billh@gn2.getnet.com
>From: anon-remailer@utopia.hacktic.nl (Anonymous)
>Organization: Hack-Tic International, Inc.
>Comments: Hack-Tic may or may not approve of the content of this
>posting
>Comments: Please report misuse of this automated remailing
>service to
>Comments: <postmaster@utopia.hacktic.nl>
>Subject: FS:Kenwood TS140 HF XCVR
>From: (Ham Burger)
>
>The Rec.Radio.Amateur.* newsgroups are not the appropriate place
>for posting ads. The following guide to use of the groups
>explains
>this. In the future, please use Rec.Radio.Swap for this
>purpose.

1678. TS50 Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: Kootz@apollo.ph1.uni-koeln.de
Message-ID: <4mka90$adf@news.rrz.uni-koeln.de>
Source record: 201899

Hello OM es YL�s !
Lately I was forced to reset my ts50, because the processor was nuts.
After that everything was fine except one thing:
When i switch to memory mode with the "M/V" butten, the Display shows "CH 00" or similar. I was used to see the frequency in big numbers and the memory channel number in small numbers in the display. Everything works ok, i can store frequencies in the memory and use the different security features (overwriteing memory channels) but do not get the Display the way it was. Can somebody help me ???
Tnx in advance!
73 Thilo
****
* Thilo Kootz DL9KCE *
* I. Physikalisches Institut *
* Universit�t zu K�ln *
* Email: kootz@apollo.ph1.uni-koeln.de *
* Tel.: 0221/470-6215 *
* Privat: 0221/416302 *
****

1679. Re: CW Crystals - Marshfield, MO - Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: "Phillip S. Rutledge" <rut@mcrut.mv.com>
Message-ID: <31855849.1A5C@mcrut.mv.com>
Source record: 201928

Paul Christensen wrote:
>
> I am awaiting 25 FT-243 crystals from him. It's now been more than two months.
> Is this typical?
>
> -Paul, N9AZ

Paul-- I just received my order today from C-W. (7 xtals) I placed it
on 2/1/96 to give you an idea. They're slow as molasses but they sure
are cheap and of good quality!!

Good luck/73-- Phil (KB1GO)

1680. Re: JVFAX 7.0 Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: pec@mars.superlink.net
Message-ID: <4m3ngk$f51@earth.superlink.net>
Source record: 201929
Cross-posted to: de.comm.ham,fj.rec.ham,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.shortwave

In article <4m0jpj$61f$1@mhade.production.compuserve.com>,
102670.1206@CompuServe.COM goes on about ...
>
>I'm finishing an article on HF FAX reception and I need to know
>where a person would go to get a copy of JVFAX 7.0. Are there
>any websites with it?
>
>Regards,
>
>Brian Webb, KD6NRP

The SSTV WWW sites should list it, www.qrz.com should have it, and
then there is always a search via www.shareware.com WWW site.

--

Pete Costello - Shortwave/Radio Catalog http://itre.ncsu.edu/radio/
E-mail: pec@ios.com ^^^^
"In the future everyone will be famous for 15 Megabytes" - Rocktopolis Inc.

1681. Re: Low Transmit Audio IC-2410

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4m3q2e$4op@rock101.genie.net>
Source record: 201930

kjones@sun-link.com (Ken Jones) writes:
>Well known? I have two of those beasts, and never have had a
>complaint of low TX audio.

Interesting. We have two of them, too, and the comments we've received have been consistent re. low TX audio. I will admit, however, that I've never actually had them on a dev scope to measure the deviation. The review I read also mentioned the low TX audio, but I'll be darned if I can find it.

>What kind of working distance do you like? I've always close talked
>palm mikes, but always to the side (across the face, not into it).

I close-talk directly into the mic with my lips touching the front and my wife also talks directly into it, but from about a quarter-inch away.

Our club repeater has one of those automatic deviation-read-back functions and I typically get a reading back from it of about 3-1/2 KHz, occasionally 4. My wife is fortunate to get it up to 3 (again, on the repeater read-back).

Perhaps it's time to get the service manual and find the deviation control. :(

Thanks for your comments!
--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

1682. Re: Eartalk speaker mics for HT's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <4m3peq$hj1@dfw-ixnews4.ix.netcom.com>
Source record: 201931

In article <4lm67h$839@vixen.cso.uiuc.edu>, hberg@uiuc.edu says...
>
>I'm interested in obtaining an external mic for my HT, and I'm seriously
>considering an ear mic. There was an ad in the latest issue of CQ
>magazine by a company called Genesys. They manufacture two of these ear
>mics, the CT-221E Enhanced EARTALK mic, and a new product, the ET-MARKII
>Next Generation EARTALK mic. Has anyone had any experience with either
>of these products - pro or con? Thanks.
>
>____
>Steve Hilberg * /==
>hberg@uiuc.edu * * x
>N9XDC *
> "Some people are weatherwise but
> most are otherwise."
>

Steve I am looking for the same info also. Anyone with experience with these devices please let us know...

Don
AE4BR

1683. re: GMRS equipment, need help finding

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: dononeg@ix.netcom.com
Message-ID: <4m3uns$1ah@dfw-ixnews2.ix.netcom.com>
Source record: 201932

I am looking for information on where GMRS radio equipment can be
acquired. I have only seen GMRS equipment offered by Radio Shack (I
own two of these) and these fall far short of utilizing the full scope
of this radio service.
I would greatly appreciate any information on manufactures you can
supply.
--

In The Land of The Blind, The One Eyed Man Is King.

Don in North Arlington, New Jersey
Home of the First Steam Engine in the New World!!!

1684. Yaesu FT-8500 Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: lui@netcom.com
Message-ID: <lui-2804961731390001@192.0.2.1>
Source record: 201933
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I'm considering the Yaesu FT-8500 dual-band mobile, since it's the only unit with 70cm capability and alphanumerics. I am looking at the radio with the more normal MH-39 microphone. In fact, HRO in Burbank said you can even get the FS-10 mic anymore!

What are people's impressions of this unit? Any rumors about the next model (an FT-9000?). Hopefully more characters (>6) for the alphanumeric display?

Stephen
KF6BTE

1685. Re: Do I need an amplified mic?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4m46lt$dqd@crash.microserve.net>
Source record: 201934

moritz@ipers1.e-technik.uni-stuttgart.de () wrote:

>Well, if you use an mike amplifier with a gain of 10, you get a
>tenfold range of your transmitter. It's as simpla as that.

This is much too optimistic. Transmitter range increase as the
square root of mic gain. ;)

73,
Jack WB3U

1686. Wanted used vertical 2 meter with high gain

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <4m3q6p$hj1@dfw-ixnews4.ix.netcom.com>
Source record: 201935

Thanks for reading this..

I am in the market for a good used 2 meter vertical with a lot of gain. If you have such an antenna, then please let me know what you may want for it..

Thanks
Don
AE4BR

1687. FS: YAESU FRG-100 SWL RCVR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: wn878@freenet.Victoria.BC.CA
Message-ID: <1996Apr30.052055.7617@freenet.victoria.bc.ca>
Source record: 201936

YAESU FRG-100 SWL RCVR.

EXCELLENT CONDITION.

E-MAIL FOR ADDITIONAL INFORMATION.

SANDRA KINION

1688. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <830844943snz@microvst.demon.co.uk>
Source record: 201937

In article <1996Apr29.163903.515@nad.com>
landisj@nad.com "Joe Landis - Systems & Network Mgr" writes:

> There are email-news gateways that let you post to ANY group, even if your
> site doesn't carry it. Try sending a post to <news-group>@cs.utexas.edu
> Substitute say, rec-radio-swap for <news-group> (note the . to - transposition).> And post first to a test group to verify it.
> Just be sure you tell the readers to respond via email!

I used to use that one but I believe it has closed. I would appreciate
information on any others for use as backup when my local route is clogged.

BTW, the gateway I use here is email to mail2news@news.demon.co.uk with
Newsgroups: listed in that header line. This one is also public and is
open to non-subscribers.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1689. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960430021830.6594A-100000@freenet2.afn.org>
Source record: 201938

On Wed, 24 Apr 1996, Frank Wargocki wrote:
> In article <4lrdan$3n0@crash.microserve.net>,
> jackl@pinetree.microserve.com (WB3U) wrote:
> >Do you know if there were any differences between the late model E
> >and the F versions other than the model number?
> >
> >73,
> >Jack WB3U
> No, there weren't. I had forgotten about the EX model which is the one
> without 160m and the upper 10m segments.

In regards to 101's, there were many variations of each of the same series... I have a EX with all the 10 - 160 an 11 meters on the band switch. The changes were never ending, some not even documented; such as 40Uf 450VDC cap attached to the driver tube - behind the plate an trimmers... Even my service manual didn't show it on the schem., later service manuals may <?>

The original concept was:

101E - "Full Dress unit", everything but the optional filter; fan, speech processor, all xtals & 12VDC power supply on back.

101EE - "Little less eqpt." no fan, no processor & some no 160 x-tal installed. <no not all were exactly alike>

101EX - The stripped down unit - no 12VDC unit, no processor, no fan & no 160 x-tal. <here again this was not always true>

Each version came thru with various changes in the plug in circuit boards... Most changes are noted in the regulator board & the noise blanker board... Some radios had internally adjustable N.B., some didn't. Some rigs had a externally adj-ustable speech processor <Lever behind the Clarifier>, some didn't. Nothing consistant, everything subject to change... This was the "BEST" CB ever made; if you think it was an accident that it came with the 11 meter xtal: ""WRONG"". This unit was designed to "Sell", just like the Silytronics 1011 series radio made by the Swan company, under a different name naturally. How many rigs at that time had AM & 11 meters in it at the current design level..?

The 2 most popular mods are:

1: How to put the Am filter in an make it work right, an for the Hams' How to take it out an just put in the CW filter.

2: How to get more power out of it: Change tubes to 8950's
an jack up the plate voltage... <probably the simplest conversion
I've done...>

There were tons of other mods put out by the Fox Tango group.
There are probably more of them on 11 meters today than are
on the ham bands...

For more info contact me via e-mail
De Tom.

7
'

1690. Re: Info on Siltronix Linear LA-600.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960430025822.23139A-100000@freenet2.afn.org>
Source record: 201939

In respect to the LA-650 amplifier, there will be no sams on it.
It was a "CB" bootleg amp, a real splatter box.
I have a Schematic for one buried in the piles <20+ year
supply of paperwork>... Let me know if you need it, the most
common failure in them was: open ceramic 5W & 7W resistors.
Check for opens...
De Tom

1691. FOR SALE Collins 75-A4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: wn878@freenet.Victoria.BC.CA
Message-ID: <1996Apr30.054347.8016@freenet.victoria.bc.ca>
Source record: 201940

Collins 75A4 receiver. Excellent condition. Recently aligned.

$500

Sandra Kinion
wn878@freenet.victoria.bc.ca

1692. << FOR SALE >> Astatic D-104 / UG-8 stand

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: wn878@freenet.Victoria.BC.CA
Message-ID: <1996Apr30.054604.8162@freenet.victoria.bc.ca>
Source record: 201941

Astatic D-104 with UNAMPLIFIED UG-8 stand.

This is an older D-104 that was purchased in 1977 but never used.

Original box and all schematics and documentation.

Mint conditon.

$90

Sandra Kinion

+++

1693. << FS >> Military M-52 A/U Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: wn878@freenet.Victoria.BC.CA
Message-ID: <1996Apr30.054745.8230@freenet.victoria.bc.ca>
Source record: 201942

M-52 A/U carbon microphone.

6' neoprene cable.

MINT condition

$12 + postage

Sandra Kinion

1694. Re: 8877 war stories? ur input

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4m4tqu$dbs@newsbf02.news.aol.com>
Source record: 201943

>> I am thinking of buying a HF amp which uses an 8877. I have heard
>>some stories about tubes failing. Do you have any personal experience,
>>good or bad? I guess reliability is the question. The amp has a
>>grid trip circuit. My second choice is an 3cx1200A7 or 3cx1200D7
>> Any comments appreciated. 73 Lynn

Lynn,

In the mid to late 80's Eimac had a lot of trouble with 8877's. They have been pretty reliable lately. I'd stay away from tubes code dated in the 80's or early 90's.

You can find the date code number stamped on the tube, it'll be four digits like 8048 for the 48th week of 1980, or 8913 for the 13th week of 89. The serial number also gives the time of production, but the date code is easier to remember.

The problem was grid cathode shorts from bad materials, but that's pretty well disappeared..

73 Tom

1695. IC 736 - How's performance on 6 mtrs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4m4uta$6c0@solaris.cc.vt.edu>
Source record: 201944

I would appreciate any feedback from owners of IC 736's as to this radio's performance on six meters? Any other comments on the rig would also be appreciated. Please respond to me at Buhyoff@vt.edu or here if a thread seems warranted.

Thanks and 73, Greg KN4FR

1696. Satellite rig info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: Norm Hammar <norm@cqg.com>
Message-ID: <31860144.7C62@cqg.com>
Source record: 201945

What would be a good rig for getting started in satellite QSOs. I have been partial to Kenwood in my HF rigs, but would like to hear about all rigs that you mightrecommend. Thanks

1697. New Ham Classes Tampa Fl

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: fletcher@gate.net
Message-ID: <318603b6.117081408@news.gate.net>
Source record: 201946

The Tampa Bay Amateur Radio Society is beginning classes for people
who want to get their first Ham Radio license.
Tuesday Evenings 7 to 9
Tampa Red Cross Chapter 219 N howard Ave.
All are welcome.....

73s

fletcher@gate.net
AD4HV Tampa, Fl

1698. >>> W A N T E D : Senior Analog Circuit Designers <<<

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: ryoung@wchat.on.ca
Message-ID: <ryoung-3004960728330001@g2-p15.wchat.on.ca>
Source record: 201947
Cross-posted to: rec.radio.amateur.digital.misc,comp.dsp,rec.radio.amateur.equipment,alt.electronics.analog.vlsi,alt.radio.digital,alt.radio.networks.npr

A D V offers extraordinary career development opportunities, technical challenge, and some of the highest financial compensation packages in the industry to qualified candidates.

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Fax: (416) 502-2544
E-mail: adv@maple.net

Further information may be obtained by calling:
(416) 502-2545

1699. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4m527b$136@mksrv1.dseg.ti.com>
Source record: 201948

Dan,

There are a lot of "good" antennas out there. However, you will NEVER go wrong with a Larsen antenna. They are built to commercial specs, and will last nearly forever. Fooling around with anything less will be a waste of your money. In a world of "good" antennas, Larsen makes "great" antennas.

I am not a big fan of mag mounts for many reasons, such as:
a) They have a tendency to scratch your car's paint.
b) They promote rust (moisture collects under the magnet).
c) They are easily knocked off the car by low-hanging tree branches, drive-through overhangs, etc.
d) They are tempting for young vandals to steal.
e) The coax cable is in the way coming in windows or doors, and it is easily damaged (and often hard to replace).

Consider buying a Larsen NMO mount (requires a 3/4" hole) and mounting it on the roof or rear deck of your car. I mounted a Larsen NMO mount on the cowl of my Ford pickup, on the driver's side, and routed the coax down through the firewall using some rubber grommets to protect the cable jacket where it passes through the metal. There is always some distortion to the antenna's radiation pattern when you mount it this way, but it has never kept me from yakking on the local repeater or from participating in Skywarn activities.

Flame me privately, folks, if you have a difference of opinion, don't waste newsgroup space.

73,
Dean KC5NG

1700. Re: IC-706 comments WTD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DqoBzE.LHv@iglou.com>
Source record: 201949

It's real cool. I have one. Gets real warm after a while though. Any
thing in paticuliar you would like to know?

Mike Lynn (100135.2612@CompuServe.COM) wrote:
: Anyone,

: Iv'e seen the ICOM 706 and it looks pretty cool.

: before i spend my money can anyone give me any comments on it.

: Mike

: 100135.2612@compuserve.com

: --
: Mike Lynn
: Comms Guru
: lynnm@westpac.demon.co.uk
: compuserve 100135,2612

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1701. Re: Hallicrafters S-40B Receiver HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: "Tom V. Pfaffenbach" <tvpfaffe@mail.delcoelect.com>
Message-ID: <4m539l$5em@kocrsv08.delcoelect.com>
Source record: 201950

Nick,

You mention only two tubes and I suspect that you are looking at the rectifier and audio output because they are glass and you can see them light up! You should also have a number of metal tubes. They are painted black and about 2/3 the height of the glass units. To see if the filament in one of them is burned out, turn the radio on for about 15 minutes, then turn it off, unplug it, and feel the metal tubes to see if they have warmed. If you find a "cold one", it is likely the bad one and you will have to either find an old time radio "ham" or repairman, or a surplus store like Fair Radio in Lima Ohio to get a replacement. If you can find an old "Ham" locally, he will probably be glad to help you get your radio working again. The S-40B was a fairly decent receiver in the 1950's and with a little attention should be repairable at little cost.

73 de K9JDU

1702. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4m50ht$1qcn@ns5-1.CC.Lehigh.EDU>
Source record: 201951

In article <1996Apr29.185515.19406@schbbs.mot.com>, p05328@email.mot.com (Bill H
osking) writes:
>What's going on here folks? I have been following this list for 6 months or
>more on more or less regular basis. My observation was that about 50% of the
>traffic was FS, WTB, or NEED. So, wanting to unload my TS140, I posted it here
>only to get blasted by some character calling him(her?)self "Ham Burger" and
>told to take it to another group.
>
>Is this a moderated group? If we're not supposed to buy/sell here, how come
>about 50% of the traffic is for that purpose? I have to say that email from an
>anonymous remailer with the nickname "Ham Burger" doesn't have much
>credibility with me. At least if I do post incorrectly, my call sign is
>hanging out there for all to see.
>
>Bill, W7JSW
>billh@getnet.com

Well Bill it certain there is no shortage of fruitcakes out there. A good
place to post for sale items is rec.radio.swap. Geuss the burger man forgot to
mention that.. I've had the same experiences until I realized I had to check
and make sure I wasn't cross posting to the other groups. THis is not a
moderated group .. however we seem to have a ton of self appointed moderators.
Almost like those self appointed frequency cops on HF :-))

73's Dick K8WHA>

1703. Re: Help with HT-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: "J.D. Taliaferro" <talia@use.usit.net>
Message-ID: <31862D6C.767A@use.usit.net>
Source record: 201952

SARUMAN wrote:
>
> Hi Folks, just bought a used HT-202 used but sans manual. I'm going crackers
> trying to figure out how to open the AA battery pack to install battery's.

On mine, you push down from the top and the outer cover slides
off. Takes a pretty good amount of pressure.

> Also in the dark as to how long to charge the NiCad pack for.

Unknown, have left one on all day in an attempt to get it to last
longer.

> Yet another quetion, can the Charger be used as the Ext Power source that can be plugged
into the top of the radio?

As I recall, no. Maybe not enough amperage to operate the thing,
or something like that. I'm trying to remember from the
manual...

> Lastly anyone have a manual for the HT-202 they'd be willing to Copy for me?
> I'd be happy to reimburse for the copying and shipping. Thanx folks.

Email me back directly, including your mailing address, and I
will do it for you.

J.D. Taliaferro, KE4RKI
talia@use.usit.net

>
>

1704. Icom RS232 to TTL Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: Jeffery Ramlow <n9wbr@gglbbs.com>
Message-ID: <31861372.21B9@gglbbs.com>
Source record: 201953

Hi all,

I have been building the Radio/Computer Control Interface featured in the July 1992 QST but have been having some problems. This is the Non-powered (external that is) 4 Transister, 2 diode design. It seems to allow software to talk to the radio so I can set modes, freq, etc....but its deaf as the day is long. I can not query the radio for frequency, mode or anything.

I was wondering if anyone had experience with this design, and if so if you have had the same problem. Or, if anyone has any ideas as to what the problem is. I would appreciate any e-mail anyone can send me regarding this.

As soon as I can get the inteface working, I can test out my windows software I wrote to control the IC-706. Right now, as I said earlier, the setting of the radio works fine, but getting info from the radio just doesn't work. I've even tested this with other canned software packages and have had the same result.

Jeff Ramlow
N9WBR
n9wbr@gglbbs.com

1705. Simplex Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: MKWS78A@prodigy.com
Message-ID: <4m50ue$e58@useneta1.news.prodigy.com>
Source record: 201954

I read a article in "I think" 73 Magazine about a project Build your own simplex repeater! I can't find the magazine now. If someone recalls what issue it was I 'm pretty sure it is a 96 issue, Please advise so I could
order a backissue.

Thank You,

Bill

1706. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <Dqo6vr.D6J@hpqmoea.sqf.hp.com>
Source record: 201955

W8JI Tom (w8jitom@aol.com) wrote:

Comments about degrading IMD of many TX'x at reduced power (that I've also seen) deleted

: Plus ALC
: overshoot becomes a problem.

This is classic! and the behaviour on speech with typical syllabic rates can be disgusting.

The gain controlled amplifiers are usually operated in a region approximating to linear dB's per volt, while the detectors are in an approximately linear volts in to volts out region. The net result is level dependent loop gain; giving loop response that depends on the chosen power level.

With a PA following an exciter, if the PA gain is enough to ensure that it compresses before the exciter (on all bands) then it makes sense to move the dominant ALC detector to the output of the PA, and to scale the detector output to set the loop gain to about what it was in the exciter when operated barefoot at it's prime design power - 100W.

Better still would be to have a logarithmic power detector like an AD640 and redesign the ALC loop for a decent response that is not level dependent.

The ALC transient response can be fixed, the transmit IMD/splatter is best fixed by designing a *good* exciter from scratch.

While a tolerable power amplifier can be designed around either triodes or tetrodes, I think the grounded grid triodes have the edge with a number of modest advantages - simpler circuitry and power supplies, simpler protection, simpler decoupling, robust stability, and compatibility with optimum exciter operation. On VHF/UHF where exciter power is normally lower, I think I'd go the tetrode route to avoid having to add two stages of power amplification.

Anyway, this firebottle and lightning voltage stuff is getting a bit passe, I think playing with bits of processed sand is a more deserving challenge. (Dons suit of armour, welding mask and gloves, digs foxhole and ducks)

Cheers
David

1707. STILL WANTED: OLD K-40 MICROPHONE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: padawer@usit.net
Message-ID: <padawer-3004960940590001@padawer.ppp.usit.net>
Source record: 201956
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm still looking for one of the speech processor microphones offered by K-40 (American Antenna, Inc.) for so many years. If anyone has a working model in a junkbox somewhere, I'd very much appreciate an email. (I do realize this was a product marketed mostly toward the CB market, so please no flames <g>. I do have a use for the old pup.)

Thanks!

Randy Padawer, WA4FJF
padawer@usit.net

Randy Padawer, P.O. Box 1167, Knoxville, TN 37901-1167 U.S.of A
Internet: padawer@usit.net AOL: Ad Randy Tel.: (423) 637-7263
Department of Psychology, University of Tennessee, Knoxville, Tenn.

1708. Re: CW Crystals - Marshfield, MO - Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: "Phillip S. Rutledge" <rut@mcrut.mv.com>
Message-ID: <31863FC6.184E@mcrut.mv.com>
Source record: 201957

Steve Ellington wrote:
>
> No. You usually never do hear anything from them. i had the same
> experience. Guess they just keep your money. They did mine.
>
> Paul Christensen (paulc@ccjet.net) wrote:
> : I am awaiting 25 FT-243 crystals from him. It's now been more than two months.
> : Is this typical?
>
> : -Paul, N9AZ
>
> --
> Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

I think you'll find that they're not out to keep your money with nothing
in return. They are, however, extremely slow, as I received my order
yesterday (4/29) which was placed on 2/1/96. On the other hand, they
didn't deposit my check until shipment was made. The quality is
excellent and they're dirt cheap compared to others. Just don't order
from them if you need your xtals in a hurry! hi hi

Phil(KB1GO)

1709. Re: Yaesu FT-8500 Reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-3004960928100001@p3-104.flash.net>
Source record: 201958
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <lui-2804961731390001@192.0.2.1>, lui@netcom.com (Stephen Lui) wrote:

> I'm considering the Yaesu FT-8500 dual-band mobile, since it's the only
> unit with 70cm capability and alphanumerics. I am looking at the radio
> with the more normal MH-39 microphone. In fact, HRO in Burbank said you
> can even get the FS-10 mic anymore!

Not sure of that, they still advertise both. I recently bought the FT-8500 with the MH-39 mike.

> What are people's impressions of this unit? Any rumors about the next
> model (an FT-9000?). Hopefully more characters (>6) for the alphanumeric
> display?

Six is all.

I like mine, but it did have a problem with a slight high frequency background noise on its audio. This was solved by putting a 220 uF 16V cap across the speaker leads, according to a Yaesu tech bulletin. Several other FT-8500 owners said they had the same noise, mainly noticeable when earphones are used. Yaesu tech support people think it is internally generated from a PLL circuit.

The radio does not come with the remote mount kit, so if you plan to use the removeable faceplate, you'll have to buy it.

All reports on my signal and output quality are positive. Several hams have asked what kind of rig I'm using - remarking that it sounds exceptional. The unit is very compact and solid. The case is nicely finished. Display is very easly to read. I like the way it flashes the frequency which is being received, so that if you monitor both bands, a quick glance tells you which one is active.

Operating it with a Cushcraft AR-270 on my chimney, I can hit repeaters all over the metro Dallas area with 10W very solid and easily. No sign of intermod problems yet, but I have not taken it into the downtown area yet.

It has a miniature multi-speed fan, thermostatically controlled (I think) integrated into the heat sink at the rear of the unit. It is fairly quiet, but I wonder about the long range reliability of the fan - no indication of problems yet.

My only complaint about the rig is that the power leads - about a foot long - come through the back of the unit to a modular connector (wires directly soldered to pads on the board) rather than having a jack on the radio.

The only controls on the radio itself are via one small knob which switches power and can change band and frequency. All other functions must be accessed via the buttons on the mike. It has a fairly complex menu system to get to some of the control functions like sub-band operation, but after a few days the operation of most functions is not too difficult.

I like the feel of the MH-39 mike, and when used with a remote speaker the audio out of the rig is good and reasonably strong.

Take all this with a grain of salt as I'm a rookie and have not operated any other mobile rigs more than a few minutes. I can compare only to my HT, and it of course gets out much better.

73

Jerry Cupples
KC5SXA

1710. Help with JRL-2000F Linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <830876447snz@microvst.demon.co.uk>
Source record: 201959

Can anyone tell me the mod that allows JRC's JRL-2000F to operate on 10m?

--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1711. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4m5b7n$gk4@newsbf02.news.aol.com>
Source record: 201960

In article <Dqo6vr.D6J@hpqmoea.sqf.hp.com>, dstock@hpqmdla.sqf.hp.com (David Stockton) writes:

> While a tolerable power amplifier can be designed around either
>triodes or tetrodes, I think the grounded grid triodes have the edge with
>a number of modest advantages - simpler circuitry and power supplies,
>simpler protection, simpler decoupling, robust stability, and
>compatibility with optimum exciter operation. On VHF/UHF where exciter
>power is normally lower, I think I'd go the tetrode route to avoid having
>to add two stages of power amplification.

> Cheers
> David

Hi David,

I certainly agree with you.

Grounded grid triodes **clearly** have the advantage in HF (and even VHF) amplifiers when gains of under 15 dB and circuit and operating simplicity is required. There is absolutely no doubt of that fact. That's the real reason hi-mu triodes took over the amateur PA market.

The simplicity and advantages of tetrodes has been greatly overrated, I suspect solely for marketing reasons. The most vocal supporters of incorrect "tetrode advantages" are obviously totally unfamiliar with design, operation, and measurement of power amplifiers, but they plod ahead and mis-stated simple technical facts.

We all have to live up or down the band from people "throttling back" 100 watt (or more) exciters to drive tubes that are fussier to tune and operate.

With tetrodes... tuning becomes more critical, the circuit more sensitive to layout, voltage stability and dynamic regulation of the screen becomes a very important issue, the grids need protection for mistuning and improper operation as well as supply failures, and the operator has to be more careful when adjusting drive power.

To top off all those disadvantages, now the rig is expected to preform nicely at reduced power, perhaps ten or twenty percent of the original design value. Even ignoring increased IMD that frequently occurs when exciters are operated at greatly reduced power, most exciters (if not all) suffer severe ALC overshoot and slow transient response in the power control circuits.

I've measured a Kenwood TS-950 with a few cycles of RF output over 250 watts peak at the start of each new phrase on SSB while the power control was set at 50 watts. Imagine the leading edge voice splatter from a rig like that cut back to 20 or 30 watts to drive an improperly swamped tetrode grid!

Not only will exciters produce a bit more garbage (as a general rule) driving mis-designed tetrodes, tetrode amplifiers themselves tend to be less sanitary without the most careful attention to tuning and circuit design.

I've yet to see any response accurately disputing these simple technical truths.

73 Tom

1712. Tone burst board for FT23

Newsgroup: rec.radio.amateur.equipment
Date: 1996-04-30 00:00:00 UTC
From: esukq@csv.warwick.ac.uk
Message-ID: <4m4k9h$ipp@pompano.csv.warwick.ac.uk>
Source record: 201961

Hi thanks for reading this, i have the PMR version of the
Yeasu FT23. It works fine, but can anyone please tell me
if i need a tone burst board or if it is a matter of jumpering
a pad. I have fitted the switch above the ppt button but
still no tone. Any ideas.......

73's Martin

Email esukq@warwick.ac.uk

Cheers..

1713. FT-50 cellular

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4m8ai6$6e9@nntpa.cb.att.com>
Source record: 201712

For those of you who would like to receive the 869-894 MHz range with your Yaesu FT-50, try tuning it to the corresponding image frequency range, 778.8-803.8 MHz. The sensitivity is the same as when tuned to an 860 MHz signal.

Rob WB8WQA

1714. Re: Wide Band Rec HT's?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4m8a3l$6e9@nntpa.cb.att.com>
Source record: 201713

In article <3183BF70.1EF9@mail.rust.net>, billc@mail.rust.net says...
>
>Can someone please provide a list of HT's that have WIDE band receive,
>including the 800-MHz. band?
>
>Thanks, Bill Crocker

You can start with the Yaesu FT-50 you just got rid of.....

Rob WB8WQA

1715. Kantronics KAM & G3RUH 9600 MODEM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: gary.roberts@dial.pipex.com
Message-ID: <4m8fih$ioa@soap.news.pipex.net>
Source record: 201714

Hi, does any one have any info on the Kantronics KAM modem disconnect
header and its compatibility with the G3RUH 9600 baud modem.
Thanks in advance

G7NJF

jm75@dial.pipex.com

1716. HELP.. Alinco DJ-G1T and DR-150T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: jsjacobs@freenet.columbus.oh.us
Message-ID: <4m8h2u$1gr@acme.freenet.columbus.oh.us>
Source record: 201715

Does anybody have the Rx and/or Tx mods for the alinco dr-150t and/or the dj-g1t? Please e-mail me if you can help.

Thank you,
John

--

John S. Jacobs
jsjacobs@freenet.columbus.oh.us

1717. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996May1.104007.516@nad.com>
Source record: 201716

In article <830844943snz@microvst.demon.co.uk>, "Anthony R. Gold"
<tgold@microvst.demon.co.uk> writes:
> In article <1996Apr29.163903.515@nad.com>
> landisj@nad.com "Joe Landis - Systems & Network Mgr" writes:
>
>> There are email-news gateways that let you post to ANY group, even if your
>> site doesn't carry it. Try sending a post to <news-group>@cs.utexas.edu
>> Substitute say, rec-radio-swap for <news-group> (note the . to - transposition).> And
post first to a test group to verify it.
>> Just be sure you tell the readers to respond via email!
>
> I used to use that one but I believe it has closed. I would appreciate
> information on any others for use as backup when my local route is clogged.
>
> BTW, the gateway I use here is email to mail2news@news.demon.co.uk with
> Newsgroups: listed in that header line. This one is also public and is
> open to non-subscribers.
>
> Regards,
> Tony - G3SKR / AA2PM email: tgold@panix.com

Yes, Tony, you are correct. I just tested it and recieved the following
reply. Note the references to other possible gateways:

There is no longer a mail-to-news gateway on cs.utexas.edu.
There are other such gateways described in
ftp://rtfm.mit.edu/
pub/usenet-by-group/alt.answers/internet-services/access-via-email
but I have not verified any of them. Good luck.

Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

1718. B&W AP-10 portable antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <4m8ebn$l83@tune.cs.columbia.edu>
Source record: 201717
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Anyone out there have any (positive or negative) experience with the abovementioned antenna?

Thanks,

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

1719. Re: For Sale Postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: jmaynard@k5zc.hsc.uth.tmc.edu
Message-ID: <slrn4ofl2a.bi.jmaynard@k5zc.hsc.uth.tmc.edu>
Source record: 201718

On Mon, 29 Apr 1996 14:18:16 GMT, Burch Akin <burch@netline.net> wrote:
>Point taken, but like I said before, many people don't have access to
>ALL of the ham radio groups so they CAN'T always post to the correct
>newsgroup. If you don't want to read certain topics, put them in your
>kill file and don't download them (there are several FREE newsreaders
>that do this.) If everyone had access to the same newsgroups, I would
>agree 100% with you. And since this message is off topic, I am not
>going to post about it anymore.

If only it were that simple. The fact is that there are more than a few news systems out there that, due to policy reasons, do not accept the .swap group. A very common reason is that they cannot accept postings that benefit a particular individual; this is the norm at sites run by the US military. It's only a matter of time before those sites will be forced to drop this group as well, if the forsale ads continue. It's already happened at one site that I know of. You're not going to be able to change those sites' policies, so don't even bother flaming them; their users are simply out of luck.

The charter of this group excludes forsale postings for a very good reason. Please follow it.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Are we going to push it to the edge of the envelope?" -- Pinky
"No, Pinky. We may, however, reach the sticky part." -- The Brain

1720. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4m8hf0$395@crash.microserve.net>
Source record: 201719

>>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>jackl@pinetree.microserve.com (WB3U) wrote:
gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>>>Music has a huge dynamic range, and most people try to
>>>reproduce it with amps that are too small. If you need 40
>>>watts average to fill the room, you need about 800 watts peak
>>>to stay out of clipping on transients. You *can* hear that
>>>clipping.

>>Where in heck did you come up with this?

>The span between 40 watts and 800 watts is 13 db. The dynamic
>range of music is 90 db. Now a quiet room has a SPL of 62 dba
>while a jet engine at takeoff has a SPL of 110 dba and 100 dba
>is generally accepted as the threshold of pain. So the
>listening room environment is a limited subset of the musical
>dynamic range, limited to excursions of about 38 db. Depending
>on the musical content, you may wish to boost the bottom end of
>the musical dynamic range up to greater than 62 dba in order
>for it to be audible. That means that if the music has full
>dynamics, you'll need to reproduce 152 dba to maintain
>dynamics.

Gary, these numbers are seriously flawed. The fact that you arrived at a necessary peak SPL of 152 dB for music should have told you that immediately. If a typical speaker has a rated sensitivity of 90 dB SPL at 1 watt/1 meter, then 152 dB at 1 meter would require approximately 1.7 million watts!

Let me give you some accurate (although approximate) numbers from my references that should help put this in perspective:

Threshold of Hearing: 0 dB
A Quiet Room: 35 dB
A Busy Street: 70 dB
Thunder: 110 dB
75 Piece Orchestra at 15': 115 dB
Threshold of Feeling: 120 dB
Threshold of Pain: 140 dB
Jet Engine at Close Proximity: 155 dB
12' Cannon at Muzzle: 220 dB

For purposes of a musical reference, the orchestra mentioned above will produce its greatest peak-to-average SPL ratio in the area of 200-400 Hz, and that ratio will be approximately 20 dB.

In addition, the total dynamic range of the orchestra (from pianissimo to fortissimo) will be approximately 80-85 dB.

>Now a comfortable listening level is 80 dba, and that centers
>you in the usable range. If it takes 40 watts to maintain that
>sound level, a dynamic transient only 13 db greater, IE 93 dba,
>will require an amp with a 800 watt peak output to avoid
>clipping distortion.

Let's apply the *real* numbers to this. If the listener is *2 meters* from the speaker described above, 80 dB average SPL will be produced by an average drive power (approximate) of 0.4 watt. Under these conditions, the peak SPL of the orchestra will be 20 dB greater, or 100 dB SPL. This will require approximately 40 watts, not the 800 watts previously claimed.

This example doesn't produce the actual peak SPL that exists at a distance of 15' from a live performance, but it does satisfy the description of filling the room and creating a comfortable listening level of 80 dB average SPL. Actually, the power necessary to extract 115 dB SPL from this speaker would be approximately 1,300 watts, which is why very few systems can reproduce that level. Remember, too, that the Threshold of Feeling is only 5 dB above this, and that these levels can cause permanent hearing damage over an extended period.

>>Also, which speakers are "most people" using that are capable
>>of reproducing the 800 watts peak that you claim is necessary?

>Many speakers are capable of handling a 800 watt transient
>excursion. This isn't sinewave power you realize, it is a
>transient.

Yes, but I have significant reservations about the claim that "many" speakers can do this. I think the speakers that can are greatly outnumbered by those that can't.

>The IHF has a rating scale for this. My little
>Polk Compact reference speakers have an IHF rating of 480
>watts, which won't do the job, but then they don't need
>40 watts to generate a 80 dba SPL either. Their bigger
>brothers, the reference series, has an IHF rating of 1600
>watts and will serve nicely.

Because we now know that 800 watts isn't necessary, I'm not sure how relevant the IHF ratings are at this point. I also don't remember what frequency(s) that IHF tests are conducted at and I don't know the size of the drivers in the Polk speakers. Nevertheless, I think it would be worthwhile to provide a representative example of the process involved in determining the typical limits of cone excursion. This is only intended to provide a point of reference regarding the relative capabilities of acoustic suspension speakers in general.

A typical 15" woofer will exhibit a peak cone excursion of approximately 0.23" when delivering 1 *acoustic* watt at 50 Hz. If we assume this woofer is rated to produce 90 dB SPL at 1 watt/1 meter at this frequency, calculations involving SPL, actual sound pressure and sound power show that this speaker has an efficiency of approximately 0.56%. Therefore, to deliver 1 acoustic watt, we will need to apply 179 electrical watts.

Because we now know that 179 watts will create a cone excursion 0.23", we also know that 358 watts will create an excursion of 0.46" and that 716 watts will create an excursion of 0.92". The practical limit to cone excursion will probably lie somewhere in the vicinity of 0.5"-0.7" if our theoretical model is a high compliance woofer in a sealed enclosure. Therefore, I would guess that it will probably "clip" at about 400 watts.

If we now assume that this is a medium-duty woofer with a continuous power rating of 100 watts RMS, it can be seen that the peak-to-average power capability is about 4:1 when operated at its continuous (average) power rating with a sine wave. However, in music, the average power will normally be much less than 100 watts at the point where peaks approach this speaker's limit. Using the example of the orchestra again, peaks at 400 watts would indicate a maximum average power that is 20 dB below that, or 4 watts.

At this point, it is worth recalling the previous example based on an average listening level of 80 dB SPL. Those results indicated that no more than 40 watts peak capability would be necessary, which places the cabilities of this speaker well within the required range. That example, together with the above excursion calculations, strongly supports the contention that most speakers are not only unable to handle monstrous amounts of peak power (like 800 watts), but also that there is little reason for them to do so.

As a final note on this, the 0.56% efficiency calculated for the theoretical speaker is typical for acoustic suspension systems. Nearly all of these are below 1%. Ported (bass reflex) systems usually fall between 3% and 4%. I don't know the efficiency of the woofer horn in a Klipsch, but at something like 105 dB SPL at 1 watt/1 meter, 10 watts will create the 75 piece orchestra at live levels from fifteen feet away. Not that anyone would wnat to do that, of course. ;)

73,
Jack WB3U

1721. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4m8i25$llk@newsbf02.news.aol.com>
Source record: 201720

In article <4m7n1d$mmt@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>>Tubes don't clip differently from transistors when they hit the
>>power supply limit (though they can also clip by hitting the
>>cathode current emission limit which transistors don't have).
>
>It's been a long time, but I seem to remember that the rounded
>waveform will also appear directly at the plate of the tube when
>the amplifier runs out of headroom. I don't want to guess about
>the cause of this though, and I've already stated elsewhere that
>I don't fully understand it.

Tubes do clip differently than transistors, and the distortion produced much more to do with non-linearity in the tube than actually reaching the supply voltage or current saturation. The problem in tubes occurs gradually, because the current demand moves into a non-linear part of the grid voltage to plate current curves. This always occurs long before a current emission problem, although voltage swing clipping can occur if the plate's load impedance is too high.

>>A low pass filter on the output of a transistor amp will
>>produce the same spectrum.
>
>Absolutely not. Manufacturers of solid state guitar amplifiers
>have reasearched this for years in an effort to produce an
>amplifier that will simulate the sound a tube amplifier produces
>when it clips. You won't get very far telling Fender that they
>should have tried a low pass filter.

Right on target again Jack. The low pass filter action is pointless. Most well designed high fidelity audio transformers go well about the limit of the human ear. Any "rounding off" by a low pass filter or transformer would be would inaudible to humans.

As per speaker damping provided by the amplifier, I'm puzzled by some of the comments. But that isn't anything I've ever thought about or researched, so I'll hold my tounge.

Distortion products are another story. The "in-band" IMD distortion makes the observable difference, not the ultrasonic stuff. No way will a simple low pass or audio transformer will make a transistor amp have the same distortion characteristics as a tube amp.

73 Tom

1722. Re: HTX202 low audio with speaker/mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: P11578@email.mot.com
Message-ID: <1996May1.184545.23064@schbbs.mot.com>
Source record: 201721

In article <3180173d.140911619@news.bright.net>, dhellen@bright.net says...
>
>> A friend has
>> an HTX202 that he uses with the remote speaker/mic, and even though his
>> signal is S9, the audio is very low. I hope that someone can point me
>> to a fix for his problem.
>
>>| Bob Boardman, Albuquerque, New Mexico - KC5SFW - ARRL, Upper Rio FM
Society |
>>| <boardman@cobra.unm.edu> PGP 2.6.2 public key available
|
>
>I had a problem with mine, and I took it back for repair.
>It was tested and I was told it was "within specs" for
>proper deviation. I got another unit after a complaint, and
>the same thing. I got on the local repeater and someone
>gave me the information to increase the deviation by turning
>one of the pots inside (there were two if I remember). The
>first time I turned the correct one (I forgot which) the
>wrong way and had NO deviation, just carrier. Then I tried
>it the other way and it was perfect. Find out which pot to
>adjust and be careful taking it apart as it does not allow
>separation of the front and back parts very far. If you
>feel safer doing so, let someone else perform the mod for
>you.
>
>A side point, deviation is dependent on your voice, the
>microphone, and the circuitry. Setting the deviation to,
>say, 7 khz instead of 5 but talking softly will still give
>you less than 5 khz deviation. If you go too far, you will
>get complaints on poor audio quality. On mine, both with
>the portable mic and the built-in mic, I got reports of low
>modulation (deviation) until the mod was performed.
>
>Sorry I can't help any more as to which pot to turn or which
>way, but it's a start.
>
>Donald Hellen KJ3I
>
>Made of only the finest electrons and the purest
>ascii text to bring you the utmost email pleasure.
>
>dhellen@bright.net
I also noticed the low audio with the external microphone for the HTX-202.

From a review of the schematic it is clear there are ways of correcting this by opening the radio. However I did run across a novel approach which does not require opening the radio itself with all of it's inherent risks.

The following information regarding low audio with the HTX-202 was found at:

http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

Title : Low ext mic audio on the HTX-202 and HTX-404

If you own the HTX radio you probably already know about the low external audio problem. I have tried a few different brand mic's and they all failed to get any significant audio into the radio. There is a good reason for this. The problem is the radio does not provide enough voltage to properly bias an ext condenser mic. When the radio is keyed the voltage at the ext condenser mic drops to about 2 tenths of a volt. Most common condenser mic's need a minimum of 2 volts and a nominal of about 4.5 volts. Design flaw or design feature. You be the judge. There is an easy way to get around this. I will tell you how to modify the Radio Shack speaker mic to get very respectable audio out of it. You then will be able to amaze all the smug Yaesu and Icom owners that have looked down at your HTX rig.

You will need the following parts from your friendly neighborhood Radio Shack

cat num,..... description,..... generic

19-310..... speaker mic

270-430..... lithium batt holder.... 20 mm single cell

23-162..... lithium battery..... dl2032..3v 180mah

270-092..... condenser mic..... -65 db sens 2v-10v

.33 microfarad cap,disc type or any small profile type cap

At this point I should say that this is a " use at your own risk" modification. It is not approved by the manufacturer and if they knew it would probably void your warranty. Any damage to your radio because of an incorrectly implemented mod to the speaker mike is solely your responsibility. Now having said that, probably the only thing to happen if you blow the mic mod is that the mic won't work or you won't be able to key the radio from the external ptt switch. They made the radio hard to hurt through the ext mike jack.

#1: Unsolder the ptt switch.

#2: Cut the leads to the mic element and remove original mic.

#3: Connect the red wire from the main cable that was going to the ptt switch before to the side of the resistor that is not connected to the speaker.

#4: Install the ptt switch in line between the resistor and ground which is the minus terminal on the speaker.

#5: Connect the .33 mf cap to the top of the resistor where the red wire is.

#6: Connect the white signal wire from the condenser mic to the other side of the .33mf cap.

#7: Connect the shield wire from the condenser mic to the ground side of the resistor. This would be above the switch but on the low side of the resistor. This is important because if this is wrong the battery will only last a few days instead of a year or more.

#8: Connect the minus side of the battery holder to the ground point that is the minus terminal on the speaker.

#9: Connect the positive terminal of the battery holder to the red bias wire that comes from the mic element.

#10: Install the battery.

#11: Check with a volt meter to check that the bias wire on the mic is getting aprox 3.1 volts positve.

That should be it. The .33mf cap keeps the radio {red wire from main cable} from seeing the ext dc from the battery. The ptt switch grounds the resistor and causes the radio to key and completes the ground for the mic element. When the radio is not keyed the battery is looking at a high impeadance instead of the 3k impeadance the mic presents when in circuit. I checked modulation on my rig by putting the HTX on a dummy load at low power and listened with headphones to a scanner. this is a good way to insure that all is well before you take to the bands. Also I should note that this type of mod can be made to other brand mic's. Before I tried the Radio Shack model I modified a MFJ-284. The same principals are involved but in the case of the MFJ there is more latitude in how you accomplish the mod. The ptt switch is dpdt on the MFJ and only spdt on the Radio Shack. Having two sets of switch contacts allows you to use one set to ground the resistor and the other set to apply the positve voltage to the mic element. Applying the positive voltage rather than grounding the mic is probably prefered. If you use the Radio Shack mic you don't have much choice and will need to use the grounding method on the mic.

Now there are better parts available to do this mod, a noise cancelling higher sensetivity mic for instance. If you are interested in really having a high performance mic send a self addressed stamped envelope and I will tell you how obtain these better performance parts. Send the envelope to:

Terrapin Sales P.O. Box 12426 La Crescenta, Ca. 91224-5426

Another cool place for HTX-202 and HTX-404 info as well as other ham related topics is at the
following address.

http://ourworld.compuserve.com:80/homepages/wa3rvt/

Make sure you check out .

The above was located at:
http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

Be careful if you chose the route of internal adjustment for the external microphone audio. In so doing you will probably be in a position of over deviating with the built in microphone.

Curtis Eickerman
WB6PUS
Phoenix, AZ

1723. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn4ofl1o.b99.mulveyr@ll.aa2ys.ampr.org>
Source record: 201722

On Mon, 29 Apr 1996 16:08:12 -0400, Ken Knapp <skyking@prolog.net> wrote:
>Bill,
>
>There are cops everywhere. Just like on the air, there are tons of people
>waiting to tell you what you are "doing wrong" I figure if I want to read
>a post, I'll read it. If I'm not interested, I'll skip it. A lot easier
>then sending replies to people who author posts that I don't approve of.
>

Is it asking too much to offer a little consideration to those people
who have to pay more money to wade through unrelated newgroup postings?
Especially when there are other groups that *exactly* meet the
needs of the person posting the message?

Or has the concept of 'politeness' completely died out?

- Rich

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

1724. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: LLEDLOW <LLEDLOW@mailgw.sanders.lockheed.com>
Message-ID: <4m8h2l$4l2@news.sanders.lockheed.com>
Source record: 201723
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

rob@pe1chl.ampr.org (Rob Janssen) wrote:
>In <4lmee0$s3b@news.sanders.lockheed.com> LLEDLOW <LLEDLOW@mailgw.sanders.lockheed.com>
writes:
>
>>I've used both the FT-736 and TS-790. I own the latter. Ergonomically
>>it can be a bit difficult to get used to, but it's a good rig. The
>Apparently pricing is different in the USA.
>In Europe, a TS-790 is much more expensive than a similar FT-736 setup.
>(two bands, mains supply)

Amateur Electronic Supply has the following prices:

TS790A PS31 FT736R FP700
MSRP $2200 220 2500 280
Discount $1850 170 1870 240

At the time I bought the TS790, the price differences were even greater.

73,

Larry/NA5E

1725. Re: Wide Band Rec HT's?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <3187EE2D.42B0@mail.rust.net>
Source record: 201724

Rob Whitacre wrote:
>
> In article <3183BF70.1EF9@mail.rust.net>, billc@mail.rust.net says...
> >
> >Can someone please provide a list of HT's that have WIDE band receive,
> >including the 800-MHz. band?
> >
> >Thanks, Bill Crocker
>
> You can start with the Yaesu FT-50 you just got rid of.....

Rob:

I was fully aware of that. It wasn't the cellular reception I was concerned with. It was the FT-50R's inability to function in the WFM mode that it claimed to have, but didn't. I wanted to use it for commercial FM broadcast, and T.V. sound, which it can receive, but it sounds like garbage due to the not-wide-enough WFM mode.

It's too bad. Other than that, it is a super radio.

Bill Crocker

1726. FS -- KOSS PRO 4 / AA HEADPHONES

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996May1.201626.119032@kuhub.cc.ukans.edu>
Source record: 201725

:::::::::::::::::: KOSS PRO 4/AA ::::::::::::::::::
Stereophones

Rugged, professional quality featuring:

* 1" voice coil
* Foam-filled Pneumalite earcushions
* Screw-on mounting for adding boom mic
* 23 Ohms

These headphones are in MINT condition.

No scratches. No dings. No stains.

Earcushions have been replaced, and are brand new.

Suggested retail price (new): $99.95 + ship
Recent discount price (J&R Music World, 1-800-221-8180): $89.95 + ship

My price: $40 (I pay postage)

Bill Worthington
Lawrence, Kansas, USA

::

1727. Re: Differences bet. FT-51R and IC-W31A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: jefco@got.net
Message-ID: <31881751.6C7D@got.net>
Source record: 201726

Nick Maddix N1IHA wrote:
>
> I think I've narrowed my search for a dual band HT down to the Icom
> IC-W31A and the Yaesu FT-51R. I like the backlit keypads a lot. Anyone
> have any opinions on these radios? Experience? I need out-of band

You're at the same point I was at 3 mo. ago. I opted for the Icom because it had an external DC jack (the 51r has none) and I planned on plugging in a variety of power sources (like my gel cel when I'm bicycle mobile). As a bonus it accepts a standard mini barrel connector as opposed to some proprietary size.

The 51r has many more convenience features (like the computer interface) than the w31a, but the Icom seems to have much better receiver section - it's less prone intermod & other airborne grunge. The extended mod opens receive to 50~920 mHz (incl. cel phn). I haven't checked the limits of the ext tx, but seems to be ~110-170, 400-480.

--jeff, kf6bkg

1728. Ts-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: Thomas Taylor <kb5qod@mail.cybertron.com>
Message-ID: <3188178B.53B8@mail.cybertron.com>
Source record: 201727

Does anybody out there know any mods to the Kenwood Ts-50?

Thanks,
Thomas

1729. Mobile HF Radio's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: connect@pe.net
Message-ID: <4m966p$eju@nfs1.pe.net>
Source record: 201728

I'm thinking of purchasing a new HF mobile rig and wanted to know which is the best mobile rig to buy. Is it the Alinco DX-70, ICOM 706, Kenwood TS-50 or Yeasu FT900. Rig will be used in auto as well as a base unit. Also it would be helpful if I had reviews on each radio.

1730. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: Rick Prather <rprather@telis.org>
Message-ID: <31883106.14EB@telis.org>
Source record: 201729
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

LLEDLOW wrote:
>
> rob@pe1chl.ampr.org (Rob Janssen) wrote:
> >In <4lmee0$s3b@news.sanders.lockheed.com> LLEDLOW <LLEDLOW@mailgw.sanders.lockheed.com>
writes:
> >
> >>I've used both the FT-736 and TS-790. I own the latter. Ergonomically
> >>it can be a bit difficult to get used to, but it's a good rig. The
> >Apparently pricing is different in the USA.
> >In Europe, a TS-790 is much more expensive than a similar FT-736 setup.
> >(two bands, mains supply)
>
> Amateur Electronic Supply has the following prices:
>
> TS790A PS31 FT736R FP700
> MSRP $2200 220 2500 280
> Discount $1850 170 1870 240
>
> At the time I bought the TS790, the price differences were even greater.
>
> 73,
>
> Larry/NA5E

The only trouble with this comparison is that you don't need a power
supply with the 736 (I assume that is what the FP700 is). It is built
in the 736.

Rick

1731. Manual Wanted for Yaesu F

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <619_9605012347@woodybbs.com>
Source record: 201730

Brian - you need a copy of "Lost Users Manuals" #1 - which includes your FT-470.

artsci publications. HRO has them. If no local dealer to you has it, artsci's telephone number is 818-843-4080.

clint.bradford@atdbbs.com
... ATTENTION to Details BBS - 909-681-6221 - REACT/GMRS/AMATEUR RADIO
---
* TLX v4.00 *
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1732. WANTED: USED HT'S-----anything cheap....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: rtp7538@exodus.valpo.edu
Message-ID: <1996May1.232901.1@exodus.valpo.edu>
Source record: 201731

```
WANTED: USED HT'S FOR SALE....
```

1733. IC-706 CI-V Codes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: Jeffery Ramlow <n9wbr@gglbbs.com>
Message-ID: <31882B4A.1307@gglbbs.com>
Source record: 201732

I've been working on an interface program for the Icom 706 and have a few questions. There is a list of available commands in the 706 Book, and a call to Icom determined that these are the ONLY command codes available under CI-V. My question is, is this true? Are there any undocumented codes? It seems to me that the in-ability to set tone, plus a number of other really good features is somewhat limiting.

I know, Icom says..... But reality is a little more complex. I have been lead to believe that there are other codes that are undocumented in the IC-706 Manual. Such as the code to read Mode and code to read Frequency which are not in the manual. Are there more?

Any help, or general information anyone has would be greatly appreciated.

73's de jeff
N9WBR

1734. Re: NEED MANUALS: Hallicrafters SX-140 an HT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <318809C2.B84@ix.netcom.com>
Source record: 201733
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

D.W.Hemphill KC5NG wrote:
>
> I just acquired one Hallicrafters SX-140 receiver and
> two HT-40 transmitters, but no manuals for any of 'em.
> Could someone loan me their manuals to make a copy of?
> I promise to treat them carefully and return them to
> you promptly, and I'll pay the postage both ways.
>
> E-mail me if you have these manuals. Thanks! :)
>
> Dean Hemphill, KC5NG
> d-hemphill@ti.comHi Dean, I got my Hallicrafters manuls (S-40B & SX-100) at:

DSM DIVERSIFIED
909 WALNUT STREET
ERIE, PA 16502-1374

Nicely done with schematics and reasonable.

73 Keep the Hallys hummin
Rod
--

A Man May Know Of The Whole World Without Leaving The Shelter Of His Own
Home.
.... Loa Tsze

Hark! For I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus?
.... AC6V

1735. Re: Gotta get started - pointers requested

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: doc@dxnet.com
Message-ID: <31878243.5210624@news.dxnet.com>
Source record: 201734

On Thu, 02 May 1996 13:36:16 GMT, button@texas.net (John Button) wrote:

>Howdy Hams - I've been lurking 'round here for awhile now and have
>decided it's time to bite the bullet & get involved. So a few
>pointers if you please.
>

John,

IMHO, listening on a s.w. receiver is one of the best ways to learn code because you learn under 'real-world' conditions. This method, however, can take a LONG time! This is also true of code tapes. Most will start a tape, get saturated try again another day and before you know it, you've had you tapes for a month and still no license.

Instead, check in your area for a weekend crash course. These folks can get you licensed in one weekend. In fact, you walk out of the door with your temp. license in hand! Gordon West has a great course and many earn their license in his schools. Considering all you get, the price is very reasonable. Even if you had to travel to a larger city and stay over-night, you still have a valid license in one or two days. I think the no code training is one day.

If packet radio is your forte, consider a two meter radio. In most cases, a small antenna is all that is required and with a small power supply (unless you are running 50 watts), you can be on the air in no time, for a reasonable amount of money.

Consider going to a Ham Radio store and looking over the used equipment and asking a lot of questions. While you are there, be sure to check the bulletin board for good buys. If you do a little homework and find a radio you want, ask here if it has a good track record. You may want to consider a want ad here or in a larger newspaper, esp. on Sundays. If possible, ask to see the equipment in operation.
If you know a ham, many repeaters have a radio swap meet once a week or so, try there too. Radio swapmeets or flea markets can be another great source for radios and equipment. Here is a the very best advice I can offer before buying... ASK if it works, look him in the eye for his answer. Next ask if he is willing to give you his telephone number if it doesn't. If he (or she) hesitates even a moment to give you his number/verbal guarantee, walk away.

These tips can save you hunderds of dollars.

73's
Tony
WA6IGJ

1736. Re: IC-706 comments WTD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4m7pmd$4l3@newsroom.HITC.COM>
Source record: 201735

> before i spend my money can anyone give me any comments on it.

Hi Mike:

I suggest you go to DejaNews and do a search on "IC-706" and "IC706" for a dump of what is in the usenet archives on the rig. Also, Alta Vista can be used to get current articles. I read up this way to get a good idea as well as other articles I could dig up (one below was pulled off QST's posting).

I decided to buy and have had it a week now. Just this AM I tried DXing from the car on 20 meters during the commute. The thrill of working a TI (Costa Rica) on my first try was worth the effort I put into the antenna (GOOD auto installations are somewhat labor intensive). I also worked Hawaii first try last night on 20. Though I planned to use the rig more in the shack than in the car, that may now change <g>.

As far as the features, etc., read the posted articles on usenet. The only lacking is the out of band receive above 100 MHz (including broadcast FM) is poor as everyone says it'd be. I plan to do the mod that's supposed to fix this after warranty expires. As far as the good stuff, there is plenty. I love the band coverage (160 thru 2), small size, and excellent performance for the money. It is really fun to use. There are at least three other competitors from Kenwood, Yaesu and Alinco, but the consensus I gather is the IC-706 for a host of reasons.

Hope to hear you on the air!

73 de Chris

QST (March 96, I think)

It seems that radio manufacturers are all trying to outdo each
other by putting more and more features into smaller and smaller
packages. With the IC-706, ICOM has outdone all their competitors by
offering an MF/HF/VHF transceiver that covers all bands from 160- to
2-meters! The entire unit with the detachable front panel attached,
measures less than 7- X 8- X 2.5-inches (18- X 20- X 6-cm.) and weighs
only 5.5-pounds (2.75-kg.), not including power supply.

Not only that, they also have given the rig almost every operating
feature that is possessed by full-sized rigs many times larger. The
transmitter output is 100-watts from 160- through 6-meters, and 10-watts
on 2-meters. Its receiver covers from 300-KHz. to 200-MHz.,
continuously, and it operates all of the usual modes: CW, SSB, AM, NBFM,
and digital modes. It uses true FSK in digital operation. It also
receives wide-band FM and provides scanning functions. In addition, it
has a built-in keyer and 101 memories.

The little rig even contains some features that many of its big brothers and competitors do not have, such as the option of listening to CW on either sideband, VOX with independent delay settings for each mode, adjustable CW offset with tracking sidetone pitch, first-in/first-out scratch-pad memories, speech compressor with adjustable gain, and software settings to modify the SSB transmit audio response to fit one's microphone and personal choices. It also provides optional computer interfacing and band-in-use outputs to operate external linear amplifiers and for remote antenna switching. To enable the rig to handle the heat dissipation of its 100-watt transmitter, the designer made the chassis a die-cast heatsink on which the PC-boards are mounted. This also makes the rig exceptionally rugged. Power requirement at 13.8-volts is a nominal 20-amps while transmitting; it drops as low as 1.5-amps when receiving with the output squelched.

With all of those functions and operating choices, the designers had a major problem of how to provide all of the necessary controls on a front panel only 2.5- X 7-inches (6- X 18-cm.) in size. The tuning knob, alone, takes up the full height and about 2.5-inches (6-cm.) of the width, leaving only about 4.5-inches (11-cm.) of width for the LCD digital display and all other controls. Their solution to the dilemma was a clever system of menus, with function keys that access the menu choices, plus a number of multi-function buttons. In addition to the tuning knob, there are only two other pairs of concentric control knobs. One is RF/SQL that acts either as the RF gain or the squelch control; the other is RIT/Shift.

Most of the control buttons initiate at least two different actions. Pushing the button briefly gets one action; pushing and holding it for two seconds or more gets another. This scheme, plus a hierarchy of menus that are displayed on the backlighted LCD digital display, provide the flexibility to control the inherently complex functionality of the rig.

The reviewers found that, although the complexity was initially daunting, it did not take long until the control functions became essentially intuitive. The reviewer's summary states that the rig on all ham bands, up to and including 6- and 2-meters, provides all the functions and receiver sensitivity that could be expected. They did, however, criticize the transmitter's IMD. On HF, they rated its performance as acceptable, though not "stellar"; but on 6- and 2-meters, the distortion is bad enough that it may cause significant splatter, especially if used with an amplifier. As for receiving, the ARRL laboratory tests of dynamic range, IMD, and sensitivity indicate that the performance is entirely creditable, and not far below the very best of modern transceivers.

The manufacturer's list price for the IC-706 is $1560. An automatic antenna tuner for all bands except 2-meters, Model AT-180, is available for $599. Optional i.f. filters are priced at $84 to $106, depending upon bandwidth. No a.c. power supply is listed.

1737. Re: IC-706 whats it like to operate?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4m7qeo$4l3@newsroom.HITC.COM>
Source record: 201736
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

Hi Mike:

It's worth the money (I wish the same was true for the accessories, gees Icom)!

It's very straightforward once you get used to the menu system (experience with modern digitally controlled radios with set modes and such helps speed you along). If you can't program your VCR, forget the rig <g>! Hams should have no problems and most adapt more qucikly to the 706 than comparable rigs. I still have to go for the manual to program my Azden 2m rig and Realistic 202 HT. The memory/scanning features are the most involved to set-up, but the least likely used day to day.

I am very happy with the radio (only a week with it so far). I suggest you go to DejaNews and do a search on "IC-706" and "IC706" for a dump of what is in the usenet archives on the rig. Also, Alta Vista can be used to get current articles. I read up this way to get a good idea as well as other articles I could dig up (one below was pulled off QST's posting).

Just this AM I tried DXing from the car on 20 meters during the commute. The thrill of working a TI (Costa Rica) on my first try was worth the effort I put into the antenna (GOOD auto installations are somewhat labor intensive). I also worked Hawaii first try last night on 20. Though I planned to use the rig more in the shack than in the car, that may now change <g>.

As far as the features, etc., read the posted articles on usenet. The only lacking is the out of band receive above 100 MHz (including broadcast FM) is poor as everyone says it'd be. I plan to do the mod that's supposed to fix this after warranty expires. As far as the good stuff, there is plenty. I love the band coverage (160 thru 2), small size, and excellent performance for the money. It is really fun to use. There are at least three other competitors from Kenwood, Yaesu and Alinco, but the consensus I gather is the IC-706 for a host of reasons.

Hope to hear you on the air!

73 de Chris

QST (March 96, I think)

It seems that radio manufacturers are all trying to outdo each
other by putting more and more features into smaller and smaller
packages. With the IC-706, ICOM has outdone all their competitors by
offering an MF/HF/VHF transceiver that covers all bands from 160- to
2-meters! The entire unit with the detachable front panel attached,
measures less than 7- X 8- X 2.5-inches (18- X 20- X 6-cm.) and weighs
only 5.5-pounds (2.75-kg.), not including power supply.

Not only that, they also have given the rig almost every operating feature that is possessed by full-sized rigs many times larger. The transmitter output is 100-watts from 160- through 6-meters, and 10-watts on 2-meters. Its receiver covers from 300-KHz. to 200-MHz., continuously, and it operates all of the usual modes: CW, SSB, AM, NBFM, and digital modes. It uses true FSK in digital operation. It also receives wide-band FM and provides scanning functions. In addition, it has a built-in keyer and 101 memories.

The little rig even contains some features that many of its big brothers and competitors do not have, such as the option of listening to CW on either sideband, VOX with independent delay settings for each mode, adjustable CW offset with tracking sidetone pitch, first-in/first-out scratch-pad memories, speech compressor with adjustable gain, and software settings to modify the SSB transmit audio response to fit one's microphone and personal choices. It also provides optional computer interfacing and band-in-use outputs to operate external linear amplifiers and for remote antenna switching. To enable the rig to handle the heat dissipation of its 100-watt transmitter, the designer made the chassis a die-cast heatsink on which the PC-boards are mounted. This also makes the rig exceptionally rugged. Power requirement at 13.8-volts is a nominal 20-amps while transmitting; it drops as low as 1.5-amps when receiving with the output squelched.

With all of those functions and operating choices, the designers had a major problem of how to provide all of the necessary controls on a front panel only 2.5- X 7-inches (6- X 18-cm.) in size. The tuning knob, alone, takes up the full height and about 2.5-inches (6-cm.) of the width, leaving only about 4.5-inches (11-cm.) of width for the LCD digital display and all other controls. Their solution to the dilemma was a clever system of menus, with function keys that access the menu choices, plus a number of multi-function buttons. In addition to the tuning knob, there are only two other pairs of concentric control knobs. One is RF/SQL that acts either as the RF gain or the squelch control; the other is RIT/Shift.

Most of the control buttons initiate at least two different actions. Pushing the button briefly gets one action; pushing and holding it for two seconds or more gets another. This scheme, plus a hierarchy of menus that are displayed on the backlighted LCD digital display, provide the flexibility to control the inherently complex functionality of the rig.

The reviewers found that, although the complexity was initially daunting, it did not take long until the control functions became essentially intuitive. The reviewer's summary states that the rig on all ham bands, up to and including 6- and 2-meters, provides all the functions and receiver sensitivity that could be expected. They did, however, criticize the transmitter's IMD. On HF, they rated its performance as acceptable, though not "stellar"; but on 6- and 2-meters, the distortion is bad enough that it may cause significant splatter, especially if used with an amplifier. As for receiving, the ARRL

laboratory tests of dynamic range, IMD, and sensitivity indicate that the performance is entirely creditable, and not far below the very best of modern transceivers.

The manufacturer's list price for the IC-706 is $1560. An automatic antenna tuner for all bands except 2-meters, Model AT-180, is available for $599. Optional i.f. filters are priced at $84 to $106, depending upon bandwidth. No a.c. power supply is listed.

1738. Re: Simplex Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4m6q0f$a9r@hg.oro.net>
Source record: 201900

MKWS78A@prodigy.com (Bill Rahl) shared the following priceless pearls
of wisdom:

>I read a article in "I think" 73 Magazine about a project Build your own
>simplex repeater! I can't find the magazine now. If someone recalls
>what issue it was I 'm pretty sure it is a 96 issue, Please advise so I
>could
>order a backissue.

> Thank You,

>
Bill

Just for giggles, visit http://www.rst-engr.com

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1/C phone--Cessna 182A N73CQ
rst-engr@oro.net | Commercial/CFI-Airplane/Glider-----A&P Mechanic

1739. FS - ICOM IC-728

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: afalcon@grfn.org
Message-ID: <19960501004934.aaaa001qq@babyblue.cs.yale.edu>
Source record: 201901

Subject: ICOM IC-728 (NEW -IN-THE-BOX)

IC-728 in original factory packaging.

Never used.

Asking $895 plus shipping.

Andrew J. Falcone
afalcon@grfn.org

1740. Looking for Cheap 2m Handie

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: Chris Jozefowicz <chris@misc.linc.ox.ac.uk>
Message-ID: <31874D79.3847@misc.linc.ox.ac.uk>
Source record: 201902

Does anyone know where I can get a cheap 2m hand-held transciever(s)? It need only have a few channels or primitive frequency selector.

All the shops I have tried only have models starting at ï¿½150 and I haven't seen any ads in Radcom.

Please reply by e-mail.

Thanks

Chris

Chris Jozefowicz
G7HHE (tel & fax 01865 279975)
chris@misc.linc.ox.ac.uk

1741. Icom IC-2KL with Kenwood TXRX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: gnmcd1@mugc.cc.monash.EDU.AU
Message-ID: <199605011045.UAA27529@mugca.cc.monash.edu.au>
Source record: 201903

To: ham-equip@ucsd.edu
Subject: Icom IC-2KL with Kenwood TXRX?

Message:

Following for someone having posting problems:

I use a Kenwood TS-870 and have been offerred an Icom IC-2KL
linear amp. Has anyone used this with a late model Kenwood
TXRX? Any problems with ALC or TXRX switching? The manual
seems to infer that the amp. will not work without ALC
connected ..
Please post replies to damien.vale@airservices.gov.au

Damien VK3CD

1742. Re: IC-706 whats it like....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <830950080snz@microvst.demon.co.uk>
Source record: 201904
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

In article <318793D6.5E7E@shu.ac.uk>
m.w.pettigrew@shu.ac.uk "Mark Pettigrew" writes:

> I have seen a number of reports that the CW is pretty ropey, due to a
> very slow pickup on the break-in leading to severe clipping of the first
> character. That's making me a bit reluctant to get one. Any comments?

The report I read claimed that there was some rise time delay but not a
material shortening of the elements. Apparently both the rise and fall
edges were delayed by nearly equal amounts.

(Note: now xposted to rec.radio.equipment for greater depth of experience.)

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1743. !!Battery case for tranceiver!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: MICMK@leeds.ac.uk
Message-ID: <4m7evc$86k_001@leeds.ac.uk>
Source record: 201905

Hi there,
I am making a request on behalf of a dedicated amateur in the
field. He is looking for a battery case (ICOM BP-170)to use with
his tranciever.It holds four (4) regular batteries.
If anyone of you knows any addresses or fax/tel. numbers of
related stores please send me an e-mail.
Many thanks,

MIKE

1744. Info on Ameritron ALS-600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: Norm Hammar <norm@cqg.com>
Message-ID: <318756CA.4919@cqg.com>
Source record: 201906

I am considering purchasing a linear, and if you have experience with the Ameritron ALS-600, I would appreciate your input. Is it a reliable amp? Does it perform as expected? Is it pricey or is there a better value somewhere else? Would you buy it again if you had the chance? etc. Thanks in advance for your help.

1745. Re: Icom IC-2KL with Kenwood TXRX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <830953244snz@microvst.demon.co.uk>
Source record: 201907

In article <199605011045.UAA27529@mugca.cc.monash.edu.au>
gnmcd1@mugc.cc.monash.EDU.AU "Mr GN Mcdonald" writes:

> linear amp. Has anyone used this with a late model Kenwood
> TXRX? Any problems with ALC or TXRX switching? The manual
> seems to infer that the amp. will not work without ALC
> connected ..

Perhaps the manual was stating the matter too strongly. It was no doubt just suggesting that it *ought* not be used without ALC control which would prevent overdrive and distortion or even damage. Remember that ALC is an output from the amplifier and so the lack of a connection to that terminal can do nothing to prevent the amplifier from operating.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1746. NEED MANUALS: Hallicrafters SX-140 an HT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4m7mbs$8vi@mksrv1.dseg.ti.com>
Source record: 201908
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I just acquired one Hallicrafters SX-140 receiver and
two HT-40 transmitters, but no manuals for any of 'em.
Could someone loan me their manuals to make a copy of?
I promise to treat them carefully and return them to
you promptly, and I'll pay the postage both ways.

E-mail me if you have these manuals. Thanks! :)

Dean Hemphill, KC5NG
d-hemphill@ti.com

1747. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4m7n1d$mmt@crash.microserve.net>
Source record: 201909

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>No matter what mechanical damping you use, you *must* allow
>for the damping provided by the amplifier in your speaker
>enclosure design. Otherwise the system will be either
>overdamped or underdamped. Since tube amps offer little damping
>and transistor amps typically offer a lot, you have to allow
>for that in speaker enclosure design.

Gary,

There are some very significant errors in your reply regarding
the fundamental principles of speakers. I think we will need to
clear this up before the above paragraph can be fully discussed.

>Now you can apply mechanical friction damping to a speaker
>cone, using its flexible support as a friction "shock
>absorber", but that hurts speaker efficiency and limits cone
>excursion, so it is rarely used today.

This is not correct. The efficiency of short throw woofers with
accordian surrounds is considerably higher than long throw
designs. Limiting the cone excursion allows the designer to
build a magnet structure with a tighter gap and less overhang.

There are several reasons these speakers aren't often seen
today, but foremost is system cost. Stiffer suspensions
raise the frequency of resonance, which in turn renders these
speakers unsuitable for use in small, infinite baffle (acoustic
suspension) enclosures. In order to achieve reasonable low-
frequency response, the enclosure must be *very* large or
must be ported (or a variant thereof).

Even when the design is ported, the enclosure must be fairly
large by today's standards in order for the port to provide
significant acoustic reinforcement from the rear of the cone.
The smaller the enclosure, the smaller the port must be in order
to tune the enclosure volume to the driver. As the enclosure
volume is reduced, the port eventually becomes so small that it
provides no significant benefit.

The bottom line here is that it is much cheaper to mount a large,
long-throw, loosely-suspended woofer in a small cabinet and fill
the box with acoustic insulation than to build a larger enclosure
and tune it to the woofer. In fact, because no two woofers are
exactly alike, it was not uncommon in the past for manufacturers
to tune the port in each cabinet by hand after the woofer was

installed. The benefits from this can be significant, but today's market doesn't allow the cost.

None of this should be confused with the junk that has appeared on the market during the last fifteen years or so. Placing a long throw 12" woofer in a two-cubic-foot enclosure and adding a six inch port merely produces garbage.

>Or you can use an "air suspension" where the air trapped in
>the enclosure acts as a spring against the speaker cone's
>piston. There is very little friction here, so the speaker can
>be quite efficient,

Absolutely not. Placing a high compliance, long throw woofer in an infinite baffle enclosure produces the *least* efficient system. In addition to the fact that long throw drivers are less efficient, the stiffness provided by a sealed enclosure causes much of the acoustic power to be consumed in heating the internal air.

>and large cone excursions can be supported so bass response
>can be quite good, but you need some other method of damping
>the cone's resonance.

There's an implication here that a stiffly suspended cone is self-damping. That's not true at all, although the resultant increase in resonant frequency may create that impression.

>This is done by adjusting the enclosure's volume so that it is
>anti-resonant at the cone's natural resonant frequency, IE
>it will return a negative pressure wave reflection to the
>cone at the time the cone is trying to produce a positive
>pressure wave, and vice versa. This will damp the cone
>response. You can also use tuned ports, ducts, or pipes
>to achieve the same effect.

There is absolutely NO "anti-resonant" tuning in a sealed enclosure. The box is stuffed with insulation to reduce the Q and hopefully eliminate all possibility of resonance, including the type you're suggesting. As one of its other functions, the insulation also reduces reflections from internal surfaces.

Regarding your last statement, the effect of a port on speaker impedance, resonance, efficiency and damping is much different than a sealed enclosure. In a ported enclosure, the volume of trapped air does in fact resonate with the driver and the port, and these enclosures are not usually filled with insulation. Also, tuning the port is seldom sufficient in itself to achieve critical damping and secondary techniques are usually employed.

>Speakers designed to be driven by tube amps have a lot of
>mechanical damping to make up for the small electrical damping
>the tube amp offers, and speakers designed to be drive by
>transistor amps have relatively less mechanical damping to
>accomodate the larger electrical damping the transistor amp
>offers.

Tell me how designers reduce the damping of an infinite baffle speaker to suit solid-state amplifiers? Also, when they do this, which solid-state amplifier do they use for a model in order to calculate system Q? Do they use one that employs a direct-coupled output stage with 0.1 ohm emitter resistors, or one with 0.47 or 0.56 ohm resistors? What about amplifiers that have output devices in parallel, or employ a coupling cap in series with the output?

Also, when did engineers start redesigning speakers this way, and how did they compensate the other drivers for the increased woofer efficiency that results when mechanical damping is decreased?

>The audio spectrum analyzer doesn't lie, Jack. They do have
>muddy bass response when heavily damped by a solid state
>amplifier, and modern speakers sound boomy as hell when driven
>by an old tube amp. And you can see both of those defects on
>the audio spectrum analyzer as well as hear them.

Gary, I have no idea what you saw or heard. Did you conduct any tests for critical damping, or just for frequency response?

>Tubes don't clip differently from transistors when they hit the
>power supply limit (though they can also clip by hitting the
>cathode current emission limit which transistors don't have).

It's been a long time, but I seem to remember that the rounded waveform will also appear directly at the plate of the tube when the amplifier runs out of headroom. I don't want to guess about the cause of this though, and I've already stated elsewhere that I don't fully understand it.

>A low pass filter on the output of a transistor amp will
>produce the same spectrum.

Absolutely not. Manufacturers of solid state guitar amplifiers have reasearched this for years in an effort to produce an amplifier that will simulate the sound a tube amplifier produces when it clips. You won't get very far telling Fender that they should have tried a low pass filter.

>A few electrostats are good, but horns produce phase
>distortions of 10% or more, which is why big horns like the old
>Altecs aren't built anymore by anyone who cares about high
>fidelity.

Given the complexities of the market, I think a major leap of faith is required to conclude that the demise of these systems resulted from phase shift. Besides, Klipschorns are still on the market and highly prized in many circles (the only good thing to ever come out of Arkansas).

I haven't had a chance to review your numbers on SPL, but I'll comment on that in a future post.

73,
Jack WB3U

1748. Re: IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: rwilson@hiwaay.net
Message-ID: <4m7o75$43f@michp1.redstone.army.mil>
Source record: 201910

>Actually it can be done if you are very careful. It requires that you
>parallel the batteries with those tiny leads with the hooks on the
>end. Then you unsolder the old battery, hook it back up across the
>new battery, then remove and solder in the new battery. One slip and
>your goose is cooked. I agree with Cecil. Much better to send it to
>Icom.
>
>Dick Hughes - W7LVA

I preformed this operation on my 735 by replacing the battery while the radio was turned on. I powered the soldering iron through a isolation transformer just to be safe. That was about 5 years ago and I need to do it again. Any other good methods for this procedure?
I thought the 745 had the program memory in ROM unlike many of the later series.
Bob WA4ZZW

1749. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-01 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <960501060041120 60@saloon.bcbbs.net>
Source record: 201911

K>> I am looking to get a 5/8 wave mag mount ant. but I don't know which one I
K>> should get. Maybe even a 5/8 @ RadShak would be enough, I don't know and
K>> that's why I'm posting this here.
K>> Any info is appreciated.
K>> Thanks.

I have 3 Larsen dual band antennas and have no complaints at all.

 QMPro 1.53 Diagonally parked in a parallel universe.

1750. Cheap handie

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: vjkunesjr@fingerlake3.com
Message-ID: <4m93a2$37v@news.paonline.com>
Source record: 201737

Don't know what the exchange rate is between your5 currency and dollars, but over here, the Radio Shack HTX202 for around $190 on sale is a bargain. Hope this
helps. Good luck and 73

1751. Cheap handie

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: vjkunesjr@fingerlake3.com
Message-ID: <4m93b3$37v@news.paonline.com>
Source record: 201738

Don't know what the exchange rate is between your5 currency and dollars, but over here, the Radio Shack HTX202 for around $190 on sale is a bargain. Hope this
helps. Good luck and 73

1752. MODS NEEDED FOR YAESU FT-3000M PLEASE.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: ndewitt@ais.net
Message-ID: <4m973e$4nh@news.ais.net>
Source record: 201739

THANKS

1753. Re: Icom Z1A Out of Band Mod - Sensitivity in 800Mhz Range?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4m97vc$1efe@news-s01.ny.us.ibm.net>
Source record: 201740

In <4lr1hf$o5n@crdnns.crd.ge.com>, vannossc@ipssmail.sch.ge.com (Scott Van Nostrand) writes:
>
>
>What's been generally the case with this out-of-band mod for the Z1A? I
>can't seem to pick anything up in the 800mhz range so far. Any ideas?
>
>Scott
>

Did you install the 2 diodes for 800MHz RX??

(They are independent of any TX/RX expansion mods)

Steve W.
N2RWE

1754. Need FT-575GX for parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: egriffin@ctc.net
Message-ID: <4m956p$62p@news1.sunbelt.net>
Source record: 201741

A friend has a broken rig.....he's looking for a parts radio. Needs the display board, etc. Please e-mail directly to me if you can help. 73, Ed

1755. FS 4 Kenwood TK-930 800 MHZ Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: jdoble@radio.microserve.com
Message-ID: <4m9a44$cts@crash.microserve.net>
Source record: 201742

For Sale - 4 Kenwood 800 MHZ TK-930 800 MHZ radios. Also 1 Motorola MaxTrac 800 Asking $200 each, or $750 for all 5 radios. All are used, but in good condition.

jdoble@radio.microserve.com

1756. Re: Hallicrafters S-40B Receiver HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: kranitzw@execpc.com
Message-ID: <4m9at4$roj@daily-planet.execpc.com>
Source record: 201743

In article <4m3jhk$pdf@news1.warwick.net>, NJC@WARWICK.NET4 says...
>
>Hi name is Nick and tnx fer reading this post. I have just aquired
>the above radio in very poor condition. the previous owner said the
>radio powered up fine but could get no audio out of the rig. Well he
>is correct all SEEMS to be OK but no audio output. Any ideas?
>Schematics? Hints? Kinks? etc. The RCA Victor tube and GE tube
>appear to be OK. Any ideas also as to the year of manufacture or the
>reciever type?
>
>Any and all help or ideas is appreciated
>
>73 Nick
>

I own one of these also. SAMS has a Photofact on it (I'm holding
it in my hand). It's folder 4 of Set 122. I don't have their address
handy, but I'm sure someone else can post it. What RCA Victor tube and
GE tube are you talking about???? This unit should have 8 Tubes:

1 - 5Y3 Rectifier
1 - 6SC7 BFO/AF Amp
1 - 6K6 Power output
1 - 6H6 Detector-AVC-ANL
2 - 6SK7 1st and 2nd IF Amp
1 - 6SA7 Converter
1 - 6SG7 RF Amp

It's not really too bad of unit. I use mine for General purpose
SW listening. It shouldn't really be too hard to repair.

Take care,

Wes
KB4BJO

1757. Test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Jim Thompson <jim@exis.net>
Message-ID: <4m9e18$m21@Grouper.Exis.Net>
Source record: 201744

test

1758. Re: Help with HT-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <634.6696T42T147@nycmetro.com>
Source record: 201745

>> Lastly anyone have a manual for the HT-202 they'd be willing to Copy for
>> me? I'd be happy to reimburse for the copying and shipping. Thanx folks.

> Email me back directly, including your mailing address, and I
> will do it for you.

>J.D. Taliaferro, KE4RKI
>talia@use.usit.net
Thank ya kindly JD

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

1759. FT-101E FOR SALE << YAESU >>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996May2.000435.119048@kuhub.cc.ukans.edu>
Source record: 201746

:::::::::::::::::::: YAESU FT-101E ::::::::::::::::::::

AMATEUR TRANSCEIVER
Serial # 7L300489

STANDARD FEATURES:

* 160-10 meter AM / CW / SSB
* RF speech processor
* Noise blanker
* Owner's manual (mint)

YAESU OPTIONS INSTALLED:

* 600 Hz CW filter
* Cooling fan

DC INPUT POWER:

* 260 W - SSB
* 180 W - CW
* 80 W - AM

This transceiver is physically and electrically in absolutely
MINT condition, and meets all original Yaesu operational specifications.

No modifications!
No scratches!
No stains!
No dings!

ASKING: $450. 00

Bill Worthington
AA4FM/0
Eudora, Kansas, USA
debral@falcon.cc.ukans.edu

::

1760. KISS mode HELP !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Alex Lam <alexl@mpce.mq.edu.au>
Message-ID: <31884B26.4B04@mpce.mq.edu.au>
Source record: 201747
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hi all,
I am trying to have two modems talking to each other. Just then,
I have them talking with converse and transparent mode, but it didn't
working for KISS mode. In fact, they lost connection when I put them
into KISS mode.
I realise that I will no longer have AX.25 in KISS, but
I didn't expect they would lost connection !
Can anyone help ? Are there special instructions required ?

Your help will be very much appreciated. Thankyou.

Alex Lam

--

****
School of Mathematics, Physics, Computing and Electronics
| _ |\/| _ Macquarie University, Sydney 2109
|___|_|_| |_ , |-| L E X Ph: +61 2 850-9065
| | Fax: +61 2 850-9128
email: alexl@mpce.mq.edu.au

1761. FT-50 mods for cellular band?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: 4z9chb@4x4ac.ampr.ORG
Message-ID: <64718@4x4ac.ampr.org>
Source record: 201748

Hello,

Since Yaesu says that the HT is blocked for the cellular band (869-694 MHz approx) and it can receive in the rest of the 800 MHz band, I assume that this is a software block out, and a modification of few bottons or few jumpers is needed to be done in order to receive cellular phones.

Is there anybody that might know the answer how to make it receive in the cellular band?

Any info would be great!

P.S: I saw a posting that said that you can receive cellulars on the image frequancy, but this does not satisfy me.

73's, Ohad Miller 4Z9CHB.
--

Ohad Miller, 4Z9CHB IP#: 44.138.40.62 |
QTH: Haifa, Israel. | 100 Grids on 880 MHz
Packet: 4Z9CHB @ 4X4HF.ISR.MDLE | 2 DXCC countries on 880 MHz
InterNet: 4z9chb @ haifa.ampr.org | 20 Holy-Land squares on 880 MHz
4z9chb @ 4z9chb.ampr.org |
gt6011 @ junior10.technion.ac.il | Using
Micro-Sats: 4X4HF @ UO-22, KO-23, KO-25 | All-Mode HT - Analog & Digital
=-= |

1762. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4m9mnj$hf6@crash.microserve.net>
Source record: 201749

w8jitom@aol.com (W8JI Tom) wrote:

>The problem in tubes occurs gradually, because the current demand
>moves into a non-linear part of the grid voltage to plate current
>curves. This always occurs long before a current emission problem,
>although voltage swing clipping can occur if the plate's load
>impedance is too high.

Tom, thanks for posting this explanation. I knew it had something
to do with the curve of the tube at various current levels, but I
couldn't quite put my finger on it.

>As per speaker damping provided by the amplifier, I'm puzzled by some
>of the comments. But that isn't anything I've ever thought about or
>researched, so I'll hold my tounge.

Let me know which comments created questions. If I've made a
mistake or haven't expained something well, I'd like to
correct it.

>No way will a simple low pass or audio transformer will make a
>transistor amp have the same distortion characteristics as a tube
>amp.

Actually, this has just reminded me that my first stereo amplifier
was a solid-state design with output transformers. It was made by
Olson and the transformers were really puny compared to genuine
hi-fi gear. Despite the shortcomings of the transformers, the
output wave at clipping was virtually dead flat compared to the
waveform from overdriven tubes.

73,
Jack WB3U

1763. Narrow Filtering in TS-930 FSK kills KAM receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: leo@jove.com
Message-ID: <4m9bch$8vr@decius.ultra.net>
Source record: 201750

Has anyone experienced this problem:

I have installed the 2nd & 3rd IF 500Hz filters in my TS-930. When attempting to run FSK with the KAM Plus I encounter a receive problem with narrow filtering. Switching in the 500Hz filters or narrowing the VBT more than halfway using the Wide filter position causes a loss of display activity and output from the KAM. If I use an outboard DSP audio filter set to RTTY mode the KAM works properly. Only narrowing the internal IF filtering kills the KAM. I acquired the IF filters specifically for use in FSK and need to figure out what's wrong.

It's supposed to work :-)

1764. Code Practice San Francisco/Monterey Bay Areas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4m9e84$9ah@ccnet2.ccnet.com>
Source record: 201751
Cross-posted to: rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave,rec.radio.amateur.equipment

The Code Practice Net will be moving to the K6FB repeaters May 8, 1996. Freq: 145.45 (-) PL 100 & 442.575 (+). Wednesdays at 7:30 to 8:00 PM.

This net is for beginners to 5 wpm but I will go to faster speeds if requested. Since this is a weekly net record this net for practice during the week.

K6FB covers Most of the San Francisco Bay area, Monterey Bay / Santa Cruz, south of Salinas and some parts of the Sierras.

73's
Don AC6TG

1765. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: claude@bauv.unibw-muenchen.de
Message-ID: <buhtz.831039479@bauv111>
Source record: 201752
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>Clipping produces only odd order harmonics. By definition, square
>waves are composed only of odd order harmonics in an infinite
>power series.

>Clipping in a tube amp results when power supply voltage limits
>are reached, or when tube cathode current emission limits are
>reached.

The distorsion is different on triode and tetrode/pentode amplifiers.
Triodes can reach high anode current when the driving grid voltage is
high enough, while tetrodes and pentodes are more limited in this
area. Therefore the triodes produce more even order harmonics while
the tetrodes and pentodes produce more odd order harmonics.
--
Claude
(claude@bauv106.bauv.unibw-muenchen.de)
The opinions expressed above represent those of the writer
and not necessarily those of her employer.

1766. Gotta get started - pointers requested

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: button@texas.net
Message-ID: <4ma6mr$7ph@news2.texas.net>
Source record: 201753

Howdy Hams - I've been lurking 'round here for awhile now and have decided it's time to bite the bullet & get involved. So a few pointers if you please.

First it seems that it would be a good idea to get a reasonable shortwave receiver and started listening. Then sign up for a license, learn that morse stuff and then get a transmitter.

Or is there a better way? And what would be a good receiver or transmitter to start with? And how much $$$$ should I expect to spend? And could I use it for packet?

Thanks in advance for helping a new guy get a clue.....

1767. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: KF4HK@gnn.COM
Message-ID: <199605021209.IAA01914@mail-e2b-service.gnn.com>
Source record: 201754

```
subscribe
```

1768. Re: Differences bet. FT-51R and IC-W31A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: berlin@mail.fwi.com
Message-ID: <3188a07e.3998649@news.fwi.com>
Source record: 201755

On 24 Apr 1996 01:36:11 GMT, nmaddix@PROBLEM_WITH_INEWS_DOMAIN_FILE
(Nick Maddix N1IHA) wrote:

>I think I've narrowed my search for a dual band HT down to the Icom
>IC-W31A and the Yaesu FT-51R. I like the backlit keypads a lot. Anyone
>have any opinions on these radios? Experience? I need out-of band
>transmit on 2m for UHF/SHF transverter use, but I don't see a mod for
>the Icom...
>
>Thanks and 73,
>Nick N1IHA
>
>--
>Nick Maddix maddin@rpi.edu http://fuzzball.stu.rpi.edu/~nmaddix
>Person. Mostly harmless. Amateur radio: N1IHA
>Computer and Systems Engineering Rensselaer Polytechnic Institute
> "Keyboard error: keyboard not installed. Press F1 to continue."
I have a Ic-Z1a which is basically the same, except the removable
front panel. I love the radio, and for the price I think it's the
better deal.
73's

1769. Re: Narrow Filtering in TS-930 FSK kills KAM receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: "George J. Molnar" <gmolnar@interealm.com>
Message-ID: <3188AA20.5257@interealm.com>
Source record: 201756

Lawrence Ober wrote:
>
> Has anyone experienced this problem:
>
> I have installed the 2nd & 3rd IF 500Hz filters in my TS-930. When attempting
> to run FSK with the KAM Plus I encounter a receive problem with narrow
> filtering. Switching in the 500Hz filters or narrowing the VBT more than
> halfway using the Wide filter position causes a loss of display activity and
> output from the KAM. If I use an outboard DSP audio filter set to RTTY mode
> the KAM works properly. Only narrowing the internal IF filtering kills the KAM.
> I acquired the IF filters specifically for use in FSK and need to figure out
> what's wrong.
>
What might be going on is that the 930's filter passes frequencies other
than what the KAM is "looking" for. You may need to adjust the MARK and
SPACE parameters of the KAM to match the output passband of the radio.
Remember, of course, to keep the proper shift.

Good luck & 73

--
George J. Molnar
Highlands Ranch, Colorado
Amateur Radio: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

1770. Re: Seeking Dead Yaesu FNB-31 Battery

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDqrxyL.6Lq@netcom.com>
Source record: 201757

Saul G. Wold <sgw@bigsur.eng.sun.com> wrote:
>I am looking for a dead FNB31 battery for a Yease FT-51R. I am willing to
>pay for the shipping and give the person a few dollars for the trouble of
>packing it up. I want to use it as a dummy battery in the PA10 Mobile
>Charger, it will just be conducting the 12V DC for me.

If you don't find one, I'd suggest that you get a FBA-14 AA-cell holder
battery case and use it empty.

1771. Help with JRL-2000F Linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <831035289snz@microvst.demon.co.uk>
Source record: 201758
Cross-posted to: rec.radio.amateur.equipment,aus.radio.amateur.misc,francom.radio_amateur,in.ham-radio,pt.rec.radio.amadorismo,slac.rec.ham_radio,su.org.ham-radio,tnn.radio.amateur

Can anyone tell me about any modification that allows JRC's JRL-2000F HF Linear Amplifier to operate on the 10m band?

Does anyone know of an owner of one of these units anywhere who might be asked about this?

73.
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1772. Ham-fests / midwest

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: hopper@eagle.uis.edu
Message-ID: <4madgg$eg4@eagle.uis.edu>
Source record: 201759

Is there a compiled list somewhere of scheduled Ham-Fests in the central Illinois area (Chicago - St. Louis, Indianapolis - DeMoine)? Do any of the central Illinois area ARCs have websites?

1773. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: keen@eden.com
Message-ID: <4mac7d$pus@boris.eden.com>
Source record: 201760
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

EGAD!

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <4lgkbc$dfl@crash.microserve.net> jackl@pinetree.microserve.com (WB3U)
writes:
: > gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
: >
: >>Yeah, the tube amp will have much higher THD. That's why rock
: >>guitarists like them so much, really incredible distortion
: >>effects.
True.

: >
: >Gary, this is completely untrue. Lead guitarists often run their amps
: >"wide open" in order to imitate the sound of musicians like Hendrix
: >and Stevie Ray Vaughn. The soft clipping of tubes produces an effect
: >that cannot be duplicated with either a solid-state amplifier or
: >external "fuzz" devices. Contrary to your statement, the tube
: >amplifier produces less odd-harmonic distortion when driven into
: >clipping, in turn creating a more "natural" sound.
"less odd-harmonic distortion" than high gain/high feedback designs that
clip symetrically.

: Clipping produces only odd order harmonics.
False. The symmetry of the distortion matters. Perfectly symmetrical clipping
produces only odd order harmonics. asymmetric clipping produces even
order harmonics as well. See the Guitar Effects FAQ at
http://www.eden.com/keen for some help on the musical effects of distortion.
: By definition, square
: waves are composed only of odd order harmonics in an infinite
: power series.
True, but irrelevant, as tube amps most often clip in a way that does not
produce square waves.

: The output transformer in a tube amp acts as a low
: pass filter and attenuates some of the higher order harmonics,
: hence the "rounded" appearance of tube amp clipping, but a low
: pass filter on the output of a solid state amp (Crown uses one,
: calling it an ultrasonic filter) will give you the same spectrum.
True/false. The output transformer does act as a filter, but well
designed ones have responses to well beyond the audio range. That
IS NOT that accounts for the harmonic spectrum of tube distortion.
A filter cannot put in even harmonics that were not in the original
signal without itself distorting.

: Clipping in a tube amp results when power supply voltage limits
: are reached, or when tube cathode current emission limits are
: reached.
False. In most cases it's when the forward bias of the grid is reached and the preceeding stage can't drive the grid further for impedance reasons, certainly for preamp tubes. The softer distortion occurs when the tube is run into the mushy cutoff region. Specifically is is NOT when emission limits are reached, as oxide cathodes can produce much more current than the circuit impedances generally allow them to, especially for preamp tubes.

: In a transistor amp, clipping results when power supply
: voltage limits are reached, or when power supply current limits
: are reached.
True (Hey! we found another one...)
: Unlike tubes, transistors don't exhibit a majority
: carrier current limit effect.
True but irrelevant.

: Since transistor amps typically don't use an audio output
: transformer,
False. Some do.
: they don't suffer from hystersis effects or
: saturation effects from the transformer, and the signal is
: not bandlimited by the inductance and distributed capacitance
: of the transformer windings.

: It is the presence of the iron
: core output transformer that gives the tube amp most of its
: distortion characteristics.
False. The iron core does contribute some distortion in operation, but the distortion is easily calculatable (See Radiotron Designer's Handbook for a discussion) and is not what gives "most of it's distortion characteristics". Quite a lot of the distortion characteristic comes from the fact that most tube amps use low levels of feedback. At high feedback levels, tube amps distort very much like transistor amps. At low feedback levels, the naturally softer cutoff/saturation character of the tubes shows through.

: McIntosh used a negative feedback
: winding on their output transformers to attempt to linearize
: some of these effects, but they were only partially successful.
Actually, those windings were there to lower the impedance levels (which lowers the iron distortion, see RDH) and to maximize coupling from half primary (quarter primary?) to the secondaries to allow them to get 'way into Class B without the spurious effects of cutoff ringing on the half primary that shuts down when one output turns off. I have a copy of an article by MacIntosh on this.

: Most tube amps don't even attempt to correct these distortions.

True and false. Run some distortion analysis on a MacIntosh or a well tweaked Dyna. There ain't much, and what's there is primarily low order

and less offensive than what you get from a solid stage high-feedback design.

Guitar amps do feature the distortions.

Read the source materials before editorializing, please.

R.G.

1774. please help with note 4 of Shure 44d microphone sheet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: sgenz <genzx001@gold.tc.umn.edu>
Message-ID: <3188E082.4258@gold.tc.umn.edu>
Source record: 201761

Greetings,
I have a Shure 44d microphone wired for a Kenwood TS-940 radio. My
instruction sheet refers to a note 4, however i don't see this note 4.
If anybody has this sheet, please reveal to me the mystery of "note 4".
thanks! steve, wi0e e-mail genzx001@gold.tc.umn.edu

1775. FT-736 vs IC-820?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: mbrinkho@falcon.inetnebr.com
Message-ID: <4mah1u$3r0@duck.inetnebr.com>
Source record: 201762

I'm going to be getting a new satellite rig soon, and I was wondering if anyone has done a comparison of the two.

Any info is appreciated.

--
Matt C. Brinkhoff, KB0RXC
mbrinkho@inetnebr.com
http://incolor.inetnebr.com/mbrinkho
Lincoln, Nebraska [EN10]

1776. Re: Ham-fests / midwest

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4maimf$qqp@ssbunews.ih.att.com>
Source record: 201763

In article <4madgg$eg4@eagle.uis.edu>,
Mitch Hopper <hopper@eagle.uis.edu> wrote:

>Is there a compiled list somewhere of scheduled
>Ham-Fests in the central Illinois area (Chicago - St. Louis,
>Indianapolis - DeMoine)?...

Attached is my periodic hamfest calendar posting:

HAMFEST/COMPUTERFEST CALENDAR 1996 - NORTHERN ILLINOIS
last updated April 24, 1996 |

o Please report additions or changes to Bob Parnass,
AJ9S, office phone: (708)979-5414, electronic mail: |
parnass@bell-labs.com. Thanks to Dennis Dale and ARRL
for providing some of the information.

MAY

May 5 (Sun), Sandwich, IL - DeKalb Hamfest. Sandwich Fair-
grounds, intersection of Suydam and Gletty Roads, just north
of Rt. 34. Admission $6 at gate, free parking. Talk-in on
146.73 MHz and 146.52 MHz.

May 11 (Sat) - Kankakee Area Radio Society, Peotone, IL.
Will County Fairgrounds, I-57 to exit 327 east. Admission
$5 at gate, free parking. Kids under 12 free. Info: Willis
Bowser, K9IFO, 1210 North Riverside Dr., Momence, IL 60954-
3452, tel. 815-472-2079

May 26 (Sun), Chicago, IL - Chicago ARC Hamfest. DeVry
Institute of Technology, 3300 N. Campbell. 8 AM - 3 PM,
setup at 6 AM. Admission $5 at door, free parking. Kids
under 12 free. Talk-in 147.255, 444.825. Info, call |
(312)545-3622 or (312)486-6823.

May 26 (Sun) - Computer Central, College of DuPage (see
notes at the end of this article).

JUNE

June 2 (Sun), Princeton, IL - Starved Rock RC. Bureau *
County Fairgrounds. Admission $5, free parking. Info: Deb-
bie Burton, N9DRU, 1153 Union St., Marseilles, IL 61341-
1710, tel. 815-795-2201 Usually an excellent hamfest, with
sellers from Illinois, Iowa, and Wisconsin.

June 9 (Sun), Granite City, IL - Egyptianfest '96, Egyptian | Radio Club. Granite City campus of Belleville Area College, | 1/2 mile south of I-270 on Ill Hy 203 at Maryville Road. | 8:00am to 1:00pm CDT. Annual hamfest, computer fair and | fleamarket. VE session, food and drink, indoor dealer / | exhibitor area. Talk-in 146.79 MHz. Info: Egyptian Radio | Club, P.O. box 562, Granite City, IL 62040, call Bill Dusen- | bery N9OQK at (618) 398-1456. |

June 30 (Sun), Wheaton, IL - Six Meter Club of Chicago. | DuPage County Fairgrounds. Gates open 6 AM. Admission $5 at gate. Talk-in on 146.97 MHz (107.2 PL) or 146.52 MHz. | Tickets available from Mike Corbett, K9ENZ, 606 So. Fenton | Ave, Romeoville IL 60446. 24 hour hotline for info= (708) | 442-4961. Good hamfest which moved from Santa Fe Speedway | to Wheaton this year.

Jun 30 (Sun) - Computer Central, College of DuPage (see notes at the end of this article).

JULY

Jul 13 (Sat), Oak Creek, WI - S. Milwaukee ARC Swapfest. American Legion Post 434, Shepard Ave. Admission $5. Talk-in 146.52 MHz. Info (414)762-3235.

Jul 14 (Sun), Sugar Grove, IL - Fox River Radio League. Waubonsee Community College, Rt. 47 at Harter Rd. VEC testing. Admission $5 at gate, free parking. Info: Diana WD9API, (708)293-7485. Fair, small to mid-sized hamfest.

Jul 27 (Sat), Pecatonic, IL - Rockford ARA Hamfest. Winnebago County Fairgrounds. VEC testing at 1st Baptist Church, 7th & Washington. Admission $5. Kids 10 and under free. Info, Marsha Plasters (815)399-9233 or Diana White (815)645-8545.

Jul 28 (Sun) - Computer Central, College of DuPage (see notes at the end of this article).

AUGUST

August 18 (Sun) - DuPage ARC, Stickney, IL. DuPage ARC Hamfest Computer Show. Hawthorne Race Course, 3500 S. Cicero Ave. Air conditioned exhibit hall for dealers. Outdoor fleamarket spaces free. 8AM - 2PM. 6 AM setup. Admission $5. Kids under 12 free. Talk in 145.25 MHz. Info: Ed Weinstein, WD9AYR, 7511 Walnut Ave., Woodridge, IL 60517. tel: 708-985-9256.

August 25 (Sun), Woodstock, IL - Tri-County Radio Group. McHenry County Fairgrounds, Rt. 47. Admission $5 at gate, free parking. Kids under 12 free. Info (voice/fax) (708)658-1678.

August 25 (Sun) - Vermilion County ARA, Danville, IL. Info: Gary Denison, KA9SKS, 14704 East 2750 North Rd., Danville, IL 61834-5610. tel: 217-759-7389.

August 28 - 30 - Antique Radio Club of Illinois, Elgin, IL. RadioFest96. Holiday Inn Holidome and Convention Center, 345 River Road, Elgin, IL 60123 Ph. (708)695-5000, (847)695-5000 After 01/20/96. Info: Jeff Aulik, 1708 Parkview Ave., Rockford, IL 61107 or Carolyn Knipfel, RR 3, 200 Langhorn, Morton, IL 61550.

SEPTEMBER

September 8 (Sun) - Bolingbrook ARS, Joliet, IL. Info: Ed Weinstein, WD9AYR, 7511 Walnut Ave., Woodridge, IL 60517, tel: 708-759-7005

September 13-15 (Fri, Sat, Sun) - Peoria, IL. ARRL National Convention. Info: Ron Morgan, KB9NW, PO Box 3508, Peoria, IL 61612-3508, tel: 309-694-2649

Sep 21 & 22 (Sat & Sun), Grayslake, IL - Chicago FM Club Radio Expo. Lake County Fairgrounds. Starts 6 AM. Buildings open 8 AM. VEC testing. Info, (708)457-0966. Usually one of the best hamfests in NE IL.

Sep 29 (Sun) - Computer Central, College of DuPage (see notes at the end of this article).

NOTES - Computer Central shows

Computer Central computer shows are held at the College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & College Road, Glen Ellyn, Il. 708-940-7547. $5 admission with card, normal admission $6.00. Opens 9:30 am - 3:00 pm.
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Copyright 1996, Bob Parnass, AJ9S AMPS Wireless Development Laboratory
parnass@bell-labs.com - (708)979-5414 Bell Laboratories

1777. Website for HyGain??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: darryl.linkow@grinder.com
Message-ID: <8BFD1E7.01A600177D.uuout@grinder.com>
Source record: 201764

Anyone know of a website for HyGain antennas? If so, would they
please post here or Email me? Thank you and 73,
Darryl KE6IHA

---
* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PDT

1778. Re: Ten-Tec Transvertor Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: mdowning@wahoo.rdatasys.com
Message-ID: <4malb7$a85@lionfish.rdatasys.com>
Source record: 201765

Doug D (dougd@lrbcg.com) wrote:
: Has anyone ever built the 6 meter transvertor kit from
: Ten-Tec? Or any of their kits?
: Also need suggestions for a good tribander antenna for 2, 6,
: 70.

I built one....and am VERY happy with the end result. There were a few minor problems, but the customer service at Ten-Tec is AMAZING. They sent me replacement parts for parts "I" screwed up. (FREE). If you need to talk to someone...you pay for the call, but you actually get to talk to someone who knows about the kit.

I can't wait to get my next kit.....I had a ball building this one!

73 de AC6PN
--Mark

--
Mark A. Downing Relational Data Systems
Phone:(714)263-3899 x157 30 Executive Park, Suite 260
Internet: mdowning@rdatasys.com Irvine, CA 92714

1779. Re: KISS mode HELP !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Bob Nielsen <nielsen@primenet.com>
Message-ID: <Pine.LNX.3.91.960502102544.2185A-100000@nielsen.tus.primenet.com>
Source record: 201766
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

On Thu, 2 May 1996, Alex Lam wrote:

> Hi all,
> I am trying to have two modems talking to each other. Just then,
> I have them talking with converse and transparent mode, but it didn't
> working for KISS mode. In fact, they lost connection when I put them
> into KISS mode.
> I realise that I will no longer have AX.25 in KISS, but
> I didn't expect they would lost connection !
> Can anyone help ? Are there special instructions required ?

In KISS mode, the connection is established and maintained by the
software you use, not the TNC firmware.

Bob

Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
AX.25: w6swe@wb7tls.az.usa.noam
http://www.primenet.com/~nielsen

1780. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: cn1135@abaco.coastalnet.com
Message-ID: <4margl$2ka@treasure.coastalnet.com>
Source record: 201767

>In article <bpaul-2904961429370001@wpaul-mac.qualcomm.com>,
>bpaul@qualcomm.com (Bill Paul) wrote:
>
>
>> I can't answer any of your specific questions, but here is my comment on
>> the Larsen antenna.
>> I bought mine at HRO and the salesman said the whip was pretuned, so I
>> don't have to cut it or anything. Howexer, after checking it out, the SWR
>> was around 2.5:1 and the lowest point SWR (1.1:1) was happening around
>> 133MHz. I started cutting down the whip, and by the time I was done, I got
>
>Forgot to mention that I had to cut off about 9"! Off a 36" whip, that's
alot!
>-BP
>
>> the SWR @ 146MHz down to 1.1:1 . So either A) the salesman didn't know
>> what he was talking about B) Larsen tunes thier whips lousy, or C) the
>> salesman handed me the wrong whip.
>> I have a feeling it was C or maybe A, but now that everything is all tuned
>> up, there is a night and day difference between the rubber duck and the
>> mobile antennas.
>> Good luck
>> -BP

A is correct. The antenna you purchased was probably a NMO150, which can be tuned from ~140-180mhz. The coil should have come with a cutting chart to give an approximate length for a certain frequency. I've purchased several antennas from Larsen for buisness and amateur use and have been quite satisfied.

M. Prescott

1781. Vends Kenwood TS 450 S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Bruno REMY <brremy@worldnet.fr>
Message-ID: <31891476.EAD@worldnet.fr>
Source record: 201768

Vends kenwood TS 450 S avec filtre YK 88 SN 1+ micro
faire offre par e-mail.

1782. Information about TM-741

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: MANCASTROPPA <marcom@iprolink.ch>
Message-ID: <01bb385b.78a0bcc0$7a3f29c2@194.41.63.1>
Source record: 201769

I find information about TM-741 :

I Find how to do special fonction on the TM-741. Not write on the manual

Tank for your help

Mancastroppa Marc / HB9VAF
marcom@iprolink.ch
mam02@ge.swissptt.ch

1783. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4mb1e2$c0m@nadine.teleport.com>
Source record: 201770

bpaul@qualcomm.com (Bill Paul) wrote:

>In article <41a7cc$335a.183@NEWS>, mouer@mail.ameritel.net (Dan Mouer) wrote:

>> I have an HTX-202 (1 watt low, 5 watt hi).
>>
>> I am looking to get a 5/8 wave mag mount ant. but I don't know which one I
>> should get. Maybe even a 5/8 @ RadShak would be enough, I don't know and
>> that's why I'm posting this here.
>>
>I can't answer any of your specific questions, but here is my comment on
>the Larsen antenna.
>I bought mine at HRO and the salesman said the whip was pretuned, so I
>don't have to cut it or anything. Howexer, after checking it out, the SWR
>was around 2.5:1 and the lowest point SWR (1.1:1) was happening around
>133MHz. I started cutting down the whip, and by the time I was done, I got
>the SWR @ 146MHz down to 1.1:1 . So either A) the salesman didn't know
>what he was talking about B) Larsen tunes thier whips lousy, or C) the
>salesman handed me the wrong whip.
>I have a feeling it was C or maybe A, but now that everything is all tuned
>up, there is a night and day difference between the rubber duck and the
>mobile antennas.
>Good luck
>-BP

>--
>Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com
>--

Here in Oregon the Larson Antennas come with a wip and length
instructions for the different frequencies which can be reached with a
given coil. I think you have to cut like 1 1/2 inches from the wip
for 146mhz. I have to get a new whip for mine cause the end broke
off.

1784. Re: Yaesu FT-416

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4mb18i$c0m@nadine.teleport.com>
Source record: 201771

mr@edunet.dk (Morten Reindel) wrote:

>I am looking for mods on the FT-416 since I cannot find the models in
>the modification pages in the newsgroup. They seem to stop by model
>no. FT-415 and continue by no. FT-470.

The 416 is the same radio internally as the 415. I used the mod for
the 415 to modify my 416. Your will loose the auto repeater offset
function just the the 411.

1785. Re: ANY HAMS OUT THERE ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4mb412$b2p@news.service.uci.edu>
Source record: 201772
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

In article <4m2lsb$d3o@lince.lander.es>, jorgegc@lander.es says...

>Hello dear friends:
>I would like to know if there are any hams in this system as I haveni¿½t
>seen any messages.
>By the way I would appreciatte to receive schemas, draws, sizes and
>way of construction on antennas for HF, both monobanders &
>multibanders, preferibly easy vertical or wire aerials.
>Please send your messages and info this way or even better by post to
>my address (QSL 100%) :

>LOOK FORWARD YOUR MESSAGES 73i¿½s

Sorry you haven't seen any messages in this system.

Try to view the newsgroup and you can find many discussions of simple
antenna.

Also, yes, there are many hams in this system.

Check out some of the listed url's for shematics and drawings.

Good luck,
Brian

1786. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4mb5ma$324@crash.microserve.net>
Source record: 201773

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

> . . . it was Tom's taking a flamethrower to the article, author,
>and QST from message one on this thread which has led to all the
>heat and personal attacks that have followed.

Gary, I went back and read "message one" again. It may indeed
have been destined to draw attack, but any criticism of QST or
its contributors seems to evoke that response. At the very
least, Tom's post was no more inflammatory than many of your own.

>It would *appear* that Tom harbors an unexplained grudge
>against Svetlana and its products. Perhaps they wouldn't give
>him promotional samples, hmmm?

Making this claim against a professional engineer is inexcusable.
You should be ashamed to have said it.

< and from another of your posts >

>It was your wild, vicious, and totally unwarranted attack on the
>integrity of the QST editors . . .

Tom has by no means impuned the integrity of QST editors. In fact,
some of his responses were:

"They (as they still claim) refuse to accept articles
that may contain a conflict of interest. The refusal to
mix business and technical data is a key way to help insure
technical data is unbiased."

"Actually QST does not welcome such input, they flatly
refuse it!"

"But QST has always had high technical standards, it's a
shame to see the standards errode. QST was always above
allowing self promoting articles, it's a shame to see that
occuring more and more frequently."

Nowhere in any of this does Tom claim that publication of the
article might be the result of anything more than an oversight.
His posts have consistently focused on the technical errors and
conflict of interest that he saw in the article, rather than the
underlying reasons that might be responsible for it being printed.

Gary, I think you have a disagreement with Tom that's due to
differences of opinon that you consider legitimate. However,
these recent attacks deserve apology.

73,
Jack WB3U

1787. Re: FT-736R vs TS-790 vs IC-820H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8310696022001@humnet.humberc.on.ca>
Source record: 201774

> rob@pe1chl.ampr.org (Rob Janssen) wrote:
> >In <4lmee0$s3b@news.sanders.lockheed.com> LLEDLOW <LLEDLOW@mailgw.sanders.lo
> eed.com> writes:
> >
> >>I've used both the FT-736 and TS-790. I own the latter. Ergonomically
> >>it can be a bit difficult to get used to, but it's a good rig. The
> >Apparently pricing is different in the USA.
> >In Europe, a TS-790 is much more expensive than a similar FT-736 setup.
> >(two bands, mains supply)
>
> Amateur Electronic Supply has the following prices:
>
> TS790A PS31 FT736R FP700 <----- ???
> MSRP $2200 220 2500 280
> Discount $1850 170 1870 240
>
> At the time I bought the TS790, the price differences were even greater.
>
> 73,
>
> Larry/NA5E

The FT-736 has a built-in power supply...you can add that to the price
of the 790 if you are comparing apples to apples.

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

1788. Re: GMRS equipment, need help finding

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4mb87h$46p@nnrp1.news.primenet.com>
Source record: 201775

dononeg@ix.netcom.com(Donald Swartz) wrote:

>I am looking for information on where GMRS radio equipment can be
>acquired. I have only seen GMRS equipment offered by Radio Shack (I
>own two of these) and these fall far short of utilizing the full scope
>of this radio service.
>I would greatly appreciate any information on manufactures you can
>supply.
>--

Have a look at my GMRS page. I have some source links there you might
be interested in.

(I have the RS GMRS rig, don't get it.)

Rob
KAF 6962
N7ORY

Homepage:
http://www.primenet.com/~n7ory/index.html

GMRS Page:
http://www.primenet.com/~n7ory/gmrs.html

1789. Re: KISS mode HELP !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May2.123431.12790@ke4zv.atl.ga.us>
Source record: 201776
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <31884B26.4B04@mpce.mq.edu.au> Alex Lam <alexl@mpce.mq.edu.au> writes:
>Hi all,
> I am trying to have two modems talking to each other. Just then,
>I have them talking with converse and transparent mode, but it didn't
>working for KISS mode. In fact, they lost connection when I put them
>into KISS mode.
> I realise that I will no longer have AX.25 in KISS, but
>I didn't expect they would lost connection !
> Can anyone help ? Are there special instructions required ?

KISS does not support AX.25. It is simply a channel management and
modem management protocol. When you put the TNC in KISS mode, you
have to do the layer 2 protocol (AX.25 link layer, slip, ppp, etc)
via software running on the host computer.

In other words, it is the AX.25 layer that supported the connected
mode link. When you go into KISS, you are no longer doing AX.25 in
the TNC so the link is lost.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1790. PAGERS WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: n1obu@mindport.net
Message-ID: <318931a0.5300300@news.mindport.net>
Source record: 201777

Hi..

I have the new EPROM upgrade for the KPC-9612 (7.0N) and am looking for some used pagers to test and experiment with. If you have any please drop me a message describing it and basically how much you want for it. I will consider all offers... I am looking for a small amount of them.. Thanks!

--73 de N1OBU@MINDPORT.NET

1791. For Sale: Icom BP-84

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Teddy Winstead <winstead@cs.tulane.edu>
Message-ID: <pwiveezo2k.fsf@pegasus.cs.tulane.edu>
Source record: 201778

I have the following for sale:

One Icom BP-84 battery back. I have no idea what it's worth, but it really hasn't been used at all. Buyer pays shipping (which should be about $3, US Mail).

Make an offer.

Terms: You send me a check, I wait for it to clear, then mail the battery. If you send me a money order or bank check, I'll ship it the same day. Whoever makes the best offer by Midnight, CDT, Sunday, May 4th, 1996 gets it.

Thanks,
Teddy
--
Nathaniel Scott "Teddy" Winstead | http://www.cs.tulane.edu/www/Winstead
winstead@cs.tulane.edu (Preferred) |
winstead%brauerei.uucp@cs.tulane.edu |
Fanatical Homebrewer & CS Grad Student |

1792. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <4mba20$a3@nonews.col.hp.com>
Source record: 201779

Bill Hosking (p05328@email.mot.com) wrote:
: What's going on here folks? I have been following this list for 6 months or
: more on more or less regular basis. My observation was that about 50% of the
: traffic was FS, WTB, or NEED. So, wanting to unload my TS140, I posted it here
: only to get blasted by some character calling him(her?)self "Ham Burger" and
: told to take it to another group.

What's going on is that a bunch of folks don't understand
the charter of this newsgroup. That is, it's not a For Sale
or Wanted group. Try rec.radio.swap.

The other thing that's going on is that some folks don't politely
inform, they flame away. Sorry about that.

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

1793. Ten-Tec 2m Mobile Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Stan Witherspoon <stan@rosemail.rose.hp.com>
Message-ID: <3189392E.7914@rosemail.rose.hp.com>
Source record: 201780

Has anyone built the Ten Tec 2M kit?
How does it compare to a rig from the big 3 in RF terms (Intermod, distortion, etc). I am not interested in out of band reception or DTMF paging. I am looking for a basic 2M radio that I can put together and maintain.

I hope it's better than the Ramsey kit.

stan
--
--- Stan Witherspoon N6SCE ----- Disclaimer ---
- Systems Technology Div. - These are my personal opinions -
- Hewlett Packard Company - and do not represent the views -
- 8000 Foothills Blvd. MS 5596 - of anyone or anything else. -
--- Roseville,Ca.95747-5596 ----- stan@rosemail.rose.hp.com ---

1794. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: kucharsk@netcom.com
Message-ID: <kucharskDqsrEK.5rz@netcom.com>
Source record: 201781

While reading article <bpaul-2904961429370001@wpaul-mac.qualcomm.com>, I noticed
that bpaul@qualcomm.com (Bill Paul) said the following:
>I bought mine at HRO and the salesman said the whip was pretuned, so I
>don't have to cut it or anything. Howexer, after checking it out, the SWR
>was around 2.5:1 and the lowest point SWR (1.1:1) was happening around
>133MHz. I started cutting down the whip, and by the time I was done, I got
>the SWR @ 146MHz down to 1.1:1 . So either A) the salesman didn't know
>what he was talking about B) Larsen tunes thier whips lousy, or C) the
>salesman handed me the wrong whip.

I have Larsen 2m and 2/70 antennas (both NMO and a 2/70 glass mount) and love
them. HOWEVER...

The salesman was mistaken; only their dual band antennas are "precut"; all their
single band antennas come with a chart that shows what length the antenna
"should" be cut to, though I'd trust an SWR meter as the final arbiter.

Now if you want strange, I have three Larsen 2/70 antennas, two of the
"cellular coil" type and one with the enclosed coil. The enclosed coil was the
only antenna that was fine out of the box. Both of the "cell" type dual band
antennas were precut too short! However, Larsen sent me longer versions of
both that I cut to size free of charge. Great folks at Larsen. (BTW, they
both ended up about 1/4" to 1/2" longer than the pre-cut antennas...)
--
| William Kucharski | Opinions expressed herein
| Internet: kucharsk@netcom.com | are MINE alone, NOT those of
| Ham: N0OKQ | of NETCOM.
| President, "Just the Ten of Us" Fan Club | "Dittos from Louisville, CO"

1795. DSP box which on to buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: nk30@alux3.cnet.att.com
Message-ID: <4mb717$2pi@nntpa.cb.att.com>
Source record: 201782

Hello All

I am interested in getting a dsp box to enhance my ic-706. I am looking
for experience or recommendations on which box to get. I have read most of the
articles. The w9gr box looks good for cost and features, plus it is fun
building the kit. TimeWave? MFJ? JPS?

PS. I might be interested in a used dsp box if it can be purchased for
less than the w9gr box (provided it has the most recent software, firmware).

Jeff

NK3O

nk30@aluxpo.att.com

1796. TS-870S Hidden Menus

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Feroz Ghouse <Ghouse_F@mail.uwlax.edu>
Message-ID: <3189781E.2C19@mail.uwlax.edu>
Source record: 201783

A few weeks ago there was a posting describing how one could access the two hidden menus on the TS-870S
a. NR + USB + PWR ON
b. NR + CW + PRW ON

Now I would like to know what is contained in these menus and what information do they yield. I could not make head or tail of them. Shows how much I know :)

73

Feroz Ghouse 4S7FG/WU9N

1797. HAM BURGER - Geek who hides

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Daniel Velez <dvelez@infi.net>
Message-ID: <31895F0C.75BB@infi.net>
Source record: 201784

```
Hey geek - ditch the anonymous remailer and discuss
the issue.

Or, you could continue to hide behind the anonymous remailer, which
you probably will.
--
||||||||||||||||||||||||||||||||||||
Daniel Velez Aoooga!
dvelez@infi.net Aoooga!
N4WZR@WD4MIZ.VA Aoooga!
||||||||||||||||||||||||||||||||||||
```

1798. Re: intermod vs overload

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: parf@aol.com
Message-ID: <4mbu3v$q4d@newsbf02.news.aol.com>
Source record: 201785

May seem like a small point but I believe that m+n= intermod order should perhaps be |m|+|n| because as stated m and n may assume + or - signs.

Dale WA2YPY

1799. Emperor ts-5010 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: steve.lee@nashville.com
Message-ID: <00000598000043FA@nashville.com>
Source record: 201786

For sale: Emperor ts-5010 and matching power supply.
Please e-mail.

Thanks,
Steve

1800. Ranger 2950 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: steve.lee@nashville.com
Message-ID: <00000598000043FB@nashville.com>
Source record: 201787

For sale: Ranger 2950. Excellent condition.
Please e-mail.

Thanks,
Steve

1801. Re: Mobile HF Radio's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May2.145136.13558@ke4zv.atl.ga.us>
Source record: 201788

In article <4m966p$eju@nfs1.pe.net> connect@pe.net (Keith Motte) writes:
>I'm thinking of purchasing a new HF mobile rig and wanted to know which is the
>best mobile rig to buy. Is it the Alinco DX-70, ICOM 706, Kenwood TS-50 or
>Yeasu FT900. Rig will be used in auto as well as a base unit. Also it would be
>helpful if I had reviews on each radio.

Well, it's not the Kenwood, so that cuts your list to 3.

If the smallest size, full power on 6m, 2m capability, wide VHF receive,
and a remarkable set of control and interface options are important to you,
then you have only one choice, the IC-706.

If low price, only 10 watts on 6m, and no 2m, but wrapped in a pretty
small package, are acceptable to you, then the Alinco joins the fray.

If a stronger HF receiver and an autotuner are important, but it doesn't
matter to you that there is no 6m or 2m capability, and you can tolerate
the larger size in the car, then the Yaesu becomes the choice.

None of these radios have killer defects, and none of them are
perfect. They emphasize different things. I was swayed by the
mix of features on the IC-706, and I'm satisfied with my choice.
You might want to go a different way. The Alinco offers good
value, and the Yaesu offers the best HF performance, but the
differences are really more a matter of degree than a good/bad
choice. For instance, I like the clean Icom control system, some
people like the cluttered Yaesu approach better. The Alinco
display and controls seem too small to me, others think that
they are fine, etc. Go play with the radios in person for an
hour or two and make up your own mind which strikes your fancy.
Unless what you really need is a FT-1000MP, one of these radios
will likely make you happy.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1802. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May2.151212.13713@ke4zv.atl.ga.us>
Source record: 201789
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

In article <buhtz.831039479@bauv111> claude@bauv106.bauv.unibw-muenchen.de writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>>Clipping produces only odd order harmonics. By definition, square
>>waves are composed only of odd order harmonics in an infinite
>>power series.
>
>>Clipping in a tube amp results when power supply voltage limits
>>are reached, or when tube cathode current emission limits are
>>reached.
>
>The distorsion is different on triode and tetrode/pentode amplifiers.
>Triodes can reach high anode current when the driving grid voltage is
>high enough, while tetrodes and pentodes are more limited in this
>area. Therefore the triodes produce more even order harmonics while
>the tetrodes and pentodes produce more odd order harmonics.

Well Claude, that's why tetrodes and pentodes were developed, to
improve the linearity of the transfer curve over that of the triode,
to offer greater power gain in the linear part of the curve, and in
most cases to avoid the need for neutralization too. But the behavior
when any of them reach clipping is the same. And clipping still produces
only odd order harmonics.

There are two factors here that we shouldn't confuse. One is the
performance of the amplifier in clipping, and the other is performance
of the amplifier before it reaches clipping, IE ordinary distortion
due to a nonlinear transfer characteristic. The latter is always
undesirable, while the former is inevitable when an amplifier is
heavily overdriven, and can only be ameloriated by good circuit design,
IE the higher order odd harmonics can be attenuated by suitable output
filtering. The output transformer can serve that purpose for most
tube amplifiers.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1803. Manual Wanted for Yaesu F

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <63e_9605030928@woodybbs.com>
Source record: 201790

Brian - you need a copy of "Lost Users Manuals" #1 - which includes your
FT-470.

artsci publications. HRO has them. If no local dealer to you has it,
artsci's telephone number is 818-843-4080.

clint.bradford@atdbbs.com
... ATTENTION to Details BBS - 909-681-6221 - REACT/GMRS/AMATEUR RADIO
---
* TLX v4.00 *
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1804. Help with HT-202 1/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <63f_9605030928@woodybbs.com>
Source record: 201791

```
>>Lastly anyone have a manual for the HT-202 they'd be willing to Copy
>>for me?

REALISTIC HTX-202 Summary of Button Functions

A/LOCK/CA
PTT + A.........Transmit DTMF A............................page 33
F + LOCK........Keyboard lock..............................page 19
CA..............Calling memory.............................page 20

B/P-SC/PR
PTT + B.........Transmit DTMF B............................page 33
F + P-SC........Priority scan..............................page 22
PR..............Priority memories..........................page 22

C/M-WR/MR
PTT + C.........Transmit DTMF C............................page 33
F + W-MR........Memory write...............................pages 20-23
MR..............Standard memories..........................page 23

D/M->VFO/VF/CLR
PTT + D.........Transmit DTMF D. Follow with 1-5 to
send a DTMF sequence.......................pages 33 & 34
F + M->VFO......Write memory to VFO........................pages 20-23
VF..............VFO mode....................................page 16
CLR.............Clear partially entered freq in VFO mode...page 16

1/T-SQL
PTT + 1.........Transmit DTMF 1............................page 33
PTT + T-SQL.....Tone squelch...............................page 28
1...............In Standard Memory mode, first digit of
selecting memory 10, 11, or 12.............page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 1..................page 22

4/D-SQL
PTT + 4.........Transmit DTMF 4............................page 33
F + D-SQL.......DTMF-squelch...............................page 34
4...............In Standard Memory mode, select Memory 4...page 23
In VFO mode, enter a frequency.............page 16

7/SAVE
PTT + 7.........Transmit DTMF 7............................page 33
F + SAVE........Power save option..........................page 31
7...............In Standard Memory mode, select Memory 7...page 23
In VFO mode, enter a frequency.............page 16
```

```
*/ \/SC
PTT + *.........Transmit DTMF *.............................page 33
F + \/SC........In VFO mode, scan down the selected range..page 30
\/SC............In VFO, Priority Memory or Standard Memory mode
scan down.................................pages 17, 22 & 23
In memory-set mode, next menu item.........page 26

2/DTMF
PTT + 2.........Transmit DTMF 2.............................page 33
F + DTMF........Store DTMF memory sequence.................page 33
2...............In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 2..................page 22

5/BEEP
PTT + 5.........Transmit DTMF 5.............................page 33
F + BEEP........Key entry beep..............................page 19
5...............In Standard Memory mode, select Memory 5...page 23
In VFO mode, enter a frequency.............page 16

8/M-SET
PTT + 8.........Transmit DTMF 8.............................page 33
F + M-SET.......In VFO mode, memory set...................page 26
In Standard, Priority, Calling Memory,
change options for memory channel..........page 21
8...............In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.............page 16

0/V-SC
PTT + 0.........Transmit DTMF 0.............................page 33
F + V-SC........Vacant scan.................................page 19
0...............In Standard Memory mode, select 1st digit
of memory 1...............................page 23
In VFO mode, enter a frequency.............page 16

3/ +/-
PTT + 3.........Transmit DTMF 3.............................page 33
F + +/-.........Duplex offset...............................page 18
3...............In Standard Memory mode, select Memory 3...page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 3..................page 22

(Continued to next message)
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.
```

1805. Help with HT-202 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-02 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <640_9605030928@woodybbs.com>
Source record: 201792

(Continued from previous message)

6/REV
PTT + 6.....Transmit DTMF 6.....page 33
F + REV.....Reverse transmit & receive freqs.....page 31
6.....In Standard Memory mode, select Memory 6...page 23
In VFO mode, enter a frequency.....page 16

9/M-CLR
PTT + 9.....Transmit DTMF 9.....page 33
F + M-CLR.....Memory clear.....page 31
9.....In Standard Memory mode, select Memory 9...page 23
In VFO mode, enter a frequency.....page 16

#/ /\SC
PTT + #.....Transmit DTMF #.....page 33
F + /\SC.....In VFO mode, scan up the selected range....page 30
/\SC.....In VFO, Priority Memory or Standard Memory mode,
scan up.....pages 17, 22 & 23
In memory-set mode, previous menu item.....page 26

F/M/PTT/L all located on the side of the unit with the PTT button

F.....Select the 2nd function of a key.....page 5
M.....Monitor a channel without squelch,
In Standard, Priority or Calling memory,
display memory's programmed options.....page 25
PTT.....Push-to-talk (transmit button).....page 18
L.....Turn on the light for 5 seconds.....page 15
F + L.....Turn on the light until you press L again..page 15
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1806. Re: Wide Band Rec HT's?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: cfii <cfii@msn.com>
Message-ID: <4mbs5p$6t7@condor.ic.net>
Source record: 201793

rtw@fuwutai.att.com (Rob Whitacre) writes:
> In article <3183BF70.1EF9@mail.rust.net>, billc@mail.rust.net says...
> >
> >Can someone please provide a list of HT's that have WIDE band receive,
> >including the 800-MHz. band?
> >
> >Thanks, Bill Crocker
>
> You can start with the Yaesu FT-50 you just got rid of.....
>
> Rob WB8WQA
>
>

My Icom IC-2SRA has 2m xcvr on one half, 25-950 MHz rx on other.

1807. Re: HELP.. Alinco DJ-G1T and DR-150T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: cfii <cfii@msn.com>
Message-ID: <4mbs8g$6t7@condor.ic.net>
Source record: 201794

jsjacobs@freenet.columbus.oh.us (John Jacobs) writes:
>
> Does anybody have the Rx and/or Tx mods for the alinco dr-150t and/or the
> dj-g1t? Please e-mail me if you can help.
>
> Thank you,
> John
>
> --
>
> John S. Jacobs
> jsjacobs@freenet.columbus.oh.us

Me too, on the DR-150.

TIA,
cfii@msn.com
marks@michweb.net

1808. Re: Wide Band Rec HT's?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: cfii <cfii@msn.com>
Message-ID: <4mbsc6$6t7@condor.ic.net>
Source record: 201795

Bill Crocker <billc@mail.rust.net> writes:
> Rob Whitacre wrote:
> >
> > In article <3183BF70.1EF9@mail.rust.net>, billc@mail.rust.net says...
> > >
> > >Can someone please provide a list of HT's that have WIDE band receive,
> > >including the 800-MHz. band?
> > >
> > >Thanks, Bill Crocker
> >
> > You can start with the Yaesu FT-50 you just got rid of.....
>
>
> Rob:
>
> I was fully aware of that. It wasn't the cellular reception I was concerned
> with. It was the FT-50R's inability to function in the WFM mode that it claimed
> to have, but didn't. I wanted to use it for commercial FM broadcast, and T.V.
> sound, which it can receive, but it sounds like garbage due to the not-wide-enough
> WFM mode.
>
> It's too bad. Other than that, it is a super radio.
>
> Bill Crocker

My Icom IC-2SRA does ok (I work for a TV station, so I too use that WBFM function).

1809. FS: NOS 6GE5 tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: murrayl@cs.hope.edu
Message-ID: <4mc144$hl7@news.cs.hope.edu>
Source record: 201796

GE NOS 6GE5 tubes

$5 each + shipping

--
MurrayL@macatawa.org

1810. FS: Bird 8325 500W 30 dB Type N attenuator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: murrayl@cs.hope.edu
Message-ID: <4mc175$hl7@news.cs.hope.edu>
Source record: 201797

For Sale:

Bird 8325 30 dB 500W oil filled RF attenuator, N connectors in/out, 28# shipping.

Make offer? New one is $1125, not sure what they go for used.

--
MurrayL@macatawa.org

1811. Need Info. on Yaesu FT-900AT/FT-900CAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: frediam@mcs.com
Message-ID: <4mc5bo$9jg@Nntp1.mcs.net>
Source record: 201798

I am thinking of buying a Yaesu FT-900AT for mobile use. Anyone have any comments on using this radio in the car? How about the FT-900CAT? This a new version with a Collins mechanical filter installed. CAT costs $150-$200 more. Any thoughts on whether or not the mechanical filter is worth the added price?

I'm also trying to identify a relatively low profile mobile HF antenna to put on a company car which already has a vhf/uhf dual band antenna on it. Any thoughts?

Thanks in advance for any comments.

de Fred (N9LUR)

1812. Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960503012813.17800B-100000@freenet2.afn.org>
Source record: 201799
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Hi Tom here... I have for sale 2 Regency 16ch programable mobiles.
They have 30W output, keyboard programable, mobile mtg brackets,
power cords, mics & all paperwork... They have programming switch
added to back of radio for on the fly re-programming.

They have been set-up for Emergency service rigs 140Mhz - 180Mhz.
broad banded, running 25W at the moment, an working in the 2 mtr
band. Type Accepted... So should be usable in other services as well.
They have scan, priority, skip, monitor & Tx & Rx pls <programable>
built in. It can have 2 different PL's <1 tx & 1 rx>...

Still with their original boxes, never pressed into service...
Tested to check functions on 2 mtrs... <We can guarenty they work.>
Area has gone 800Mhz trunked... <Reason for selling>

Will sell one or both, $235.00 each shipped.... Both for $450.00...

Contact me via e-mail or thru packet KD4QHH@K4DPZ.#Gnsvl.Fl.USA.NA.

Tnx De Tom 73

1813. MONEY MAKING SCHEME?? Well This One WORKS! - cash.zip (1/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: ttaylor@trib.com
Message-ID: <4mbnl8$1fj@news.tcd.net>
Source record: 201800
Body handling: Inline uuencoded payload not displayed: cash.zip

[Inline uuencoded payload not displayed: cash.zip]

1814. Extended s2m Tx

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Tor Sverre Lande <bassen@ifi.uio.no>
Message-ID: <3189DD5F.41C67EA6@ifi.uio.no>
Source record: 201801

Guys,

I am in the need for a handheld for use during the hunting season. The assigned freqs are just below the 144Mhz-band (ie. 143MHz). As I understand most handhelds can handle Rx in that band without problems. Is it possible to mod any good priced handheld to Tx in a wider TX band?

-Bassen

1815. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mcoht$3d7@newsbf02.news.aol.com>
Source record: 201802

Hi Gary,

In article <1996Apr28.161909.22571@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>And worse, Tom attacked the MLA2500 modification article (by a
>different author) *WITHOUT EVEN HAVING READ IT FIRST*. That was
>unprofessional in the extreme. It would *appear* that Tom harbors
>an unexplained grudge against Svetlana and its products. Perhaps
>they wouldn't give him promotional samples, hmmm?

Let's read what you just wrote Gary. You said:

1.) "And worse, Tom attacked the MLA2500 modification article (by a different author) *WITHOUT EVEN HAVING READ IT FIRST*."

2.) "That was unprofessional in the extreme."

3.) "It would *appear* that Tom harbors an unexplained grudge against Svetlana and its products."

4.) "Perhaps they wouldn't give him promotional samples, hmmm?"

Please point out the technical merit and/or benefit to others in your comments Gary. I might have missed your technical point.

73 Tom

1816. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mcq2s$43e@newsbf02.news.aol.com>
Source record: 201803

Hi Gary,
In article <1996Apr29.181157.29042@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>The 54.77 volts is RMS of course. Drive is stated as 60 watts, and
>54.77 volts is the correct RMS voltage for 60 watts across 50 ohms.
>The peak voltage would be 77.22 volts. You are incorrect, however in
>stating that the peak voltage can only be 56 volts for AB1 because
>you've neglected the cathode resistor.
>There is a discrepency between
>the text of the article and the diagram here. In the text, a 30 ohm
>cathode resistor is called out, but on the diagram a 20 ohm resistor
>is shown. Going with the value in the text, and the stated 550 mA (RMS)
>of current drawn by the tube at 60 watts drive given in the parameters
>table, we find that the cathode is raised above common by 16.5 volts
(RMS)
>or 23.26 volts peak. Added to the -56 volts static bias, that gives
>79.26 volts between grid and cathode. So the 77.22 volts peak drive
>is still within the correct range.

No, if the resistor is bypassed it raises the cathode to some value between the voltage calculated by the RMS and peak currents, not to the value of the peak current as calculated by that resistance.

Such circuitry also causes phase delays in the cathode bias voltage and can and usually does produce non-linearity. The effect is that the bias "looks correct" during a single tone test, or an incomplete paper analysis, but in reality it may be (and usually is) a good bit off, adding distortion.

If the cathode resistor of an AB1 amplifier is properly unbypassed, the cathode adds correct phase negative feedback, and subtracts from the grid drive voltage at a rate of between 1.414 and 2.818 times the metered plate current (plus the screen current). This system lowers efficiency but greatly improves IMD performance. This effect is inherent in grounded grid amplifiers but doesn't necessairily hurt efficiency in them.

>Obviously, the 68 db product for a *single* tone, is the third
>*harmonic* level of the amplifier when driven CW fashion. Product
>in this case may be a poor choice of words. It is a product of the
>amplifier, but it isn't a product in the conventional mixing sense.

Product is the wrong word, the correct word is HARMONIC. And harmonic has nothing directly to do with the type of tube used. I believe that was the incorrect point you made, that the 68 dB had something to do with the fact it was a tetrode?

>This isn't IMD. The IMD number is for the two tone test, of course.
>The first two products in that case are spaced at 2 kHz and 4 kHz
>from the (suppressed) carrier frequency, and are -38 db and -48 db
>respectively.

Again the details are somewhat lacking, dB what? Below a single tone or
the peak output?

-38 db isn't spectacular, an 8877 or 3CX800 will do much better than that
in a fixed power level two tone test. I've measured 8877's at over -43 dB
below PEP for third order and -52 dB in a fixed two tone test. A two tone
fixed power level test isn't accurate for evaluating SSB, in particular
with tetrodes.

All of that aside, where is the big "tetrode distortion advantage" you
touted while being so openly critical of my technical analysis and
ability? It certainly doesn't appear in those numbers!

>>Perhaps you have harmonics confused with second order products and IMD?
>
>From context, it should be obvious what I meant, but I do admit I
>didn't phrase it well. Look at the plots yourself at oak.oakland.edu.

You phrased it wrong, just like when it was implied the FCC IMD
requirements were more stringent at VHF than at HF.

>>You (incorrectly) made the following statements:
>>
>>1.) Tetrodes are cleaner than than triodes.
>
>They generally are. Let me select the best tetrode amplifier for
>a given power gain and you choose the best triode amplifier for
>the same power gain, and I'll wager the tetrode will be cleaner.

Untrue, tetrodes specially designed for SSB, like the 4CX600, are very
clean when the scrren is regulated to the nth degree, and the amplifier is
professionally tiuuned with a spectrum analyzer. But we were talking about
4CX800's and 4CX1600's in amateur applications. Compare them to any
similar grounded grid triode like the 3CX800 or 4CX1600 and they will lose
handily. ESPECIALLY when tuned by an amateur and especially when the grid
circuit and screen circuits are cheaply oversimplified.

> That should even be obvious if you compare the triode and tetrode
equations.

Anyone understanding the entire scope of design problem would certainly
believe as I do. With a ten to fifteen dB gain amplifier integrated into a
typical amateur radio system, there isn't any truth in the perception that
a tetrode produces a cleaner signal. As a matter of fact, the exact
opposite is true. The broad general statement that all tetrodes are more
cleaner than triodes is also untrue. Compare the 3CX5000 to a 4CX5000, the
4CX1600 to 3CX1500, and 3CX800 to the 4CX800, especially in working
circuits adjusted without the aid of a spectrum analyer.

And especially with marginal design to integrate them in a complete system.

>>2.) VHF operators are more skilled than HF operators.
>
>I believe that to be true, for VHF operators using high power
>vacuum tube amplifiers. That's mostly EME and MS types, who
>generally have built the amplifier themselves (there being
>very few commercial amplifiers to purchase). I would claim
>that they are likely to be more knowledgeable about the operation
>of their amplifiers than someone who burned the plastic for
>an Ameritron and twisted the knobs for maximum smoke (the more
>typical case among HF operators as you stated yourself).

Do you have any supporting data showing VHF operators to be more skilled than HF operators? Is that why they have no code tickets and restricted privileges at VHF, because operator skill automatically increases with frequency? What has Ameritron to do with any of this? Please tell me more.

>>3.) VHF amateur amplifiers have tighter IMD restrictions than HF amps.
>
>Indeed, spelled out in 97.307 (d) and (e). Spurious products must
>be down 40 db for HF amps and 60 db for VHF amps. Don't blame me,
>the FCC makes the rules.

Spurious emissions are not defined as close in IMD. If they were, there wouldn't be a single solid state VHF amp on the market today! Spurious emissions are out of band emissions, like harmonics or parasitics.

I file about five to ten FCC TA's a year for amateur products, and I can assure you IMD measurements are not required. The only requirement related to IMD is 97.307 (a) and (b).

The FCC refers IMD as "emissions resulting from modulation", since they are a normal and inevitable part of modulation processes. Spurious emissions are all products not directly related to modulation of the signal.

>>4.) You calculated the drive power of a simple grid driven tetrode
>>incorrectly, probably because you confused peak voltage and RMS drive
>>voltage.
>
>And you ignored the cathode resistor.

And you ignored the effects of bypassing, and describing how it was done.

>Is that the pot calling the kettle black? It was your wild, vicious,
>and totally unwarranted attack on the integrity of the QST editors
>and the author of the tube article that led to a pointed response
>in kind. And indeed, while I may have been casual in reporting about
>the MLA2500 modification article, you admit *YOU HADN'T READ IT AT
>ALL* when you lit in with more unwarranted and baseless criticisms.

You seem angry about something I said. Tell me specifically what it was and I'll appologize. I certainly didn't me to provoke you to such a state of open hostility. Can you give me an example of a wild, vicious, and unwarranted remark so I understand exactly what you mean?

73 Tom

1817. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mcr84$4mf@newsbf02.news.aol.com>
Source record: 201804

In article <1996Apr29.181157.29042@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>The 54.77 volts is RMS of course. Drive is stated as 60 watts, and
>54.77 volts is the correct RMS voltage for 60 watts across 50 ohms.
>The peak voltage would be 77.22 volts. You are incorrect, however in
>stating that the peak voltage can only be 56 volts for AB1 because
>you've neglected the cathode resistor. There is a discrepency between
>the text of the article and the diagram here. In the text, a 30 ohm
>cathode resistor is called out, but on the diagram a 20 ohm resistor
>is shown. Going with the value in the text, and the stated 550 mA (RMS)
>of current drawn by the tube at 60 watts drive given in the parameters
>table, we find that the cathode is raised above common by 16.5 volts
(RMS)
>or 23.26 volts peak. Added to the -56 volts static bias, that gives
>79.26 volts between grid and cathode. So the 77.22 volts peak drive
>is still within the correct range.
>
>

Another thought came to mind.

Besides obvious control grid to cathode linearity problems created from phase shift or delay at syllablic rates when the cathode is "floated" by a series resistance (in parallel with some capacitance), a more severe problem creeps in. The tube is moved closer to cut-off if the cathode is not allowed to return to ground at during the neagtive grid portion of each cycle exactly in step with the RF signal!

For example, consider a class AB amplifier at the edge of cutoff. Adding a few volts of positive cathode voltage not only reduces the effective current by increasing the bias voltage, it also reduces the effective screen voltage. Moving the screen to cathode voltage around carelessly at an audio rate is absolutely the last thing that should be done in a SSB amplifier.

Raising the cathode voltage moves the tube rapidly towards class C operation, increasing efficiency and decreasing linearity. This effect is indicated by Svetlana's specifications for the 4CX1600, which shows efficiency rising from 61 to 72 %, and IMD increasing from -36 dB (below a single tone of a two tone test) to -30 dB when a catode resistor is added to a 4CX1600!

Gary's text called my attention to yet another very good reason why the correct grid resistor should have been selected in these articles, rather than the addition of a simple cathode resistance to correct a grid loading

error.

Adding the cathode resistance, without careful consideration of the modification of the conduction angle, will almost certainly increase IMD. This is true even though the user becomes more comfortable with the parameters under steady state conditions.

The more technical information I hear about the two articles Gary mentioned, the more questions I have about the effort actually made to design a clean HF amplifier. Tetrode design is complex and must be carefully done to avoid unwanted distortion.

It's no wonder grounded grid amplifiers took over the amateur market. Tetrodes are more difficult to design, tune, operate, and analyze than grounded grid triodes. They even confuse experts at times.

73 Tom

1818. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mcscq$59a@newsbf02.news.aol.com>
Source record: 201805

I'm not sure if my other responses made it in to the system or not, there have been some problems. But let's ignore all the unrelated and unsubstantiated dribble and set the record straight on tetrodes, grid loading, IMD, and feedback.

In article <1996Apr30.154003.3618@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>Perhaps better still is to have a PA with sufficient headroom and
>negative feedback that it can deal with a range of drive powers
>without resorting to ALC. This is where the common cathode tetrode
>amp can shine. If you want to do compression, let a dedicated
>speech processor in the exciter do that.

And this is the heart of my technical objections.

Adding a cathode resistor does not guarantee correct negative feedback. Adding cathode resistance usually **increases** IMD in grid driven tetrode PA's unless the designer and operator are very careful.

For an example of incomplete design analysis, Gary earlier casually subtracted the cathode's positive voltage excursion from the drive voltage, but the cathodes positive excursion also subtracts from the screen voltage. This has the undesired effect of reducing the screen voltage just when it is needed the most, under maximum drive and peak signal conditions.

The phase delays in charging and discharging any cathode to ground capacitances were also ignored, as were correct voltage analysis of the system. It just isn't as simple as made out to be by the casual designer. If extreme care isn't taken in both design and tuning, linearity and IMD will be greatly **reduced** by the addition of cathode resistance. The conduction angle is reduced, efficiency increased, and IMD products are made stronger by the incorrect application of cathode resistance.

Svetlana shows this PLAINLY in it's own data, with 5th order IMD products increasing over ***400 times*** in level by the addition of cathode resistance. Fifth order products increase from a claimed value of -58 dB to a very poor -34 dB (below a single tone of a two tone test) when a resistance is added to the cathode.

A garden variety triode like the 8877 typically produces 5th order IMD products in the -45 to -50 dB (below single tone of tt test) without fancy feedback circuitry and does so with relatively non-critical tuning, and handily beats the 4CX1600 tetrode by several dB in lower order products under all conditions. Even when severly mistuned the 8877 still exceeds the 4CX1600's specs with the cathode resistance included.

Why then did someone suggest this very circuit, a circuit Svetlana shows as increasing IMD by a factor of over 400 times in level, as an "upgrade"? Why not do it right? Is it because the designer didn't know, or because marketing demands require making the circuit simple even if a bit more dirty?

Well designed tetrode amplifiers are certainly no cleaner than triodes, as a general rule, in amateur type service. More importantly... if the design, operation, tuning, or construction is anything less than perfect tetrodes deteriorate much more rapidly than GG triodes in performance. At best the user starts out with something that may be better or worse, and runs more risk of performance going down hill rapidly.

It takes great effort to design a tetrode PA correctly. Collins did do a super design in the 30L1, using a 4CX1000 in cathode driven AB1 with an innovative circuit that reduces the chance of driving the grid into current. Putting a resistor in the cathode certainly doesn't produce a "30L1 caliber design".

Add to this the drive incompatability present in the recent designs, and all the ingredients for very rough splattering signals are present. Even W6FR's article about the 4CX1600 points out that "it is very difficult, if not impossible, to detect grid current under voice conditions. This current, if present, will seriously and almost exponentially degrade the linearity of the amplifier." He goes on to almost insist a scope be used in a special test to properly load the tetrode PA.

W6FR took almost an entire page warning the user of the frailties and difficulty of operation of a tetrode amplifier, yet some nexperienced even with the terms used to describe amplifier characteristics would have us believe the same tubes an experienced designer like W6FR warns us about provide guaranteed performance improvements.

I really can't control other's personal opinions, or answer every silly statement based on "Heaven knows what" theory or science. But I, for one, don't look forward to an abundence of "ratty tetrodes" (partially from poor design and partially from the great difficulty of proper tuning) being used on HF bands.

I have no problem supporting any article that tells the truth. And the truth is tetrodes are out of place in most amplifiers used by amateurs. This is especially true when a few components could be changed to make the design less troublesome.

Adding cathode resistance (instead of correcting the grid resistance miscalculation), using a grid resistance chosen for SWR and component count (over correct values), and failure to warn of other potential problems (to paint the tube as a "superior product") is simply inexcusable. Especially when the article is openly and incorrectly critical of superior products that do the job much better in the same application.

The technical facts are very clear in this matter.

73 Tom

1819. Re: Info on Ameritron ALS-600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Norm Hammar <norm@cqg.com>
Message-ID: <3189F9F8.1736@cqg.com>
Source record: 201806

Norm Hammar wrote:
>
> I am considering purchasing a linear, and if you have experience with
> the Ameritron ALS-600, I would appreciate your input. Is it a reliable
> amp? Does it perform as expected? Is it pricey or is there a better
> value somewhere else? Would you buy it again if you had the chance? etc.
> Thanks in advance for your help.

1820. Re: IC-706 CI-V Codes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Gary Fiber <gfiber@halcyon.com>
Message-ID: <3189FD76.1E67@halcyon.com>
Source record: 201807

Jeffery Ramlow wrote:
>
> I've been working on an interface program for the Icom 706 and have a
> few questions. There is a list of available commands in the 706 Book,
> and a call to Icom determined that these are the ONLY command codes
> available under CI-V. My question is, is this true? Are there any
> undocumented codes? It seems to me that the in-ability to set tone, plus
> a number of other really good features is somewhat limiting.
>
> I know, Icom says..... But reality is a little more complex. I have
> been lead to believe that there are other codes that are undocumented in
> the IC-706 Manual. Such as the code to read Mode and code to
> read Frequency which are not in the manual. Are there more?
>
> Any help, or general information anyone has would be greatly
> appreciated.
>
> 73's de jeff
> N9WBRJeff,

The IC-706 manual contains the entire command set for CI-V. No ICOM has undocumented CI-V commands lurking. Never seen an ICOM that would allow setting of CTCSS tones, alpha numerics in memories etc. Some ICOMs have more commands available. You could purchase the CI-V reference manual direct from ICOM and simply try every command listed for all radios.

The CI-V reference manual cost $ 15.00 from ICOM plus the usual shipping and handling fees.

Gary

1821. KaWin 6.38 released on the web

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4md4ko$c1o@news-2.csn.net>
Source record: 201808
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

KAWIN NEWS

KaWin 6.38 is ready for download from the KaWin Home Page!

New files are:
KAWIN638.EXE the full KaWin system for new users,
KAWUP638.EXE just the updated KAWIN.EXE and squawk file,
KAWINHLP.EXE the latest KAWIN.HLP, help file.

The new features in version 6.38 are logging and Yapp!

The new logging feature is a modest start at a very big subject. A simple text file, in comma-delimited format for easy import into other programs, stores a wealth of info on your QSOs. See the new help file for details.

With the addition of a very full implementation of the Yapp file transfer protocol and a significant enhancement of the existing KaWin HF protocol, KaWin becomes the undisputed leader in file transfer technology for RF datacomm. The following table summarizes the features of the three protocols that KaWin now supports:

Feature	KaWin/HF	Yapp	Gold
Applicable modes	G-tor/Pactor	Packet	Packet
Full binary transparency	yes	yes	yes
Robust error detection	yes	yes	yes
Auto-start remote upload/download	yes	yes	yes
Auto-start remote directory request	yes	no	yes
Multiple file selection on Send File	yes	yes	no
Wildcards on Get File	yes	yes	no
Restartable after a broken transfer	yes	yes	yes
Verifies original file on restarts	yes	yes	no
Keyboard chat during transfer	no	no	yes

All currently reported bugs are fixed in 6.38.

To add to the KaWin News mailing list, send email to stan@mutadv.com with the word SUBSCRIBE in the subject line, or use the handy subscription link on the KaWin Home Page. To be removed from the list, send email to stan@mutadv.com with the word UNSUBSCRIBE in the subject line and be sure to include the email address this message was sent to in the body. I cannot remove you if I don't know your address!

73, Igottago... Stan ..

KaWin News is published by Stan Huntting, KF0IA.
--
Stan Huntting, KF0IA
Email: stan@mutadv.com
Fax: 303 444 2314
KaWin home page: http://www.mutadv.com/kawin/
Postal address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA

1822. Re: Hallicrafters S-40B Receiver HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Bill Meara <w.meara@codetel.net.do>
Message-ID: <4mcqib$g38@server2.codetel.net.do>
Source record: 201809

Nick: The Hallicrafters S-40B was manufactured between 1950 and 1954. Orignially priced at $89.95. There are companies that will sell you copies of the manual. Check in the back of QST. Watch out for the high voltage when working on this radio! Have fun. Welcome to the fascinating world of Boatanchors! 73 Bill N2CQR/HI8

1823. CyberChat // CyberChat // CyberChat // CyberChat // CyberChat

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Jyakobi@visinet.ca
Message-ID: <4mbng4$ol@kenya.visinet.ca>
Source record: 201810
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc, rec.radio.amateur.policy

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1824. Re: Info on Ameritron ALS-600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4mda88$12gg@mule1.mindspring.com>
Source record: 201811

Norm Hammar <norm@cqg.com> wrote:

>Norm Hammar wrote:
>>
>> I am considering purchasing a linear, and if you have experience with
>> the Ameritron ALS-600, I would appreciate your input. Is it a reliable
>> amp? Does it perform as expected? Is it pricey or is there a better
>> value somewhere else? Would you buy it again if you had the chance? etc.
>> Thanks in advance for your help.

I know several who have bought the ALS-600 and are very happy. One
Dallas ham bought a second ALS-600. The amp comes with a very heavy
duty PS.

I am waiting on Ameritron and Steve Pan to bring out a 1500W version
altho Lucas Transformer may beat them out. Getting purity is a
problem with solid state amps.

Dave K4JRB

1825. Patcomm

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4mdaml$11tc@mule1.mindspring.com>
Source record: 201812

I wonder if someone out there has used the new Patcomm PC16000 CW/SSB 160 to 10 transceiver. Two of the earlier versions had some problems with birdies and transmit audio. New version is supposed to overcome these bugs.

Dave K4JRB

1826. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4md864$107@itnews.sc.intel.com>
Source record: 201813

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>And worse, Tom attacked the MLA2500 modification article (by a
>different author) *WITHOUT EVEN HAVING READ IT FIRST*. That was
>unprofessional in the extreme.

>It would *appear* that Tom harbors
>an unexplained grudge against Svetlana and its products. Perhaps
>they wouldn't give him promotional samples, hmmm?

Hi Gary, according to you, Tom's mistake was attacking without first
equipping himself with proof and proper knowledge. Then in the
next sentence, you attack without proof and proper knowledge. Perhaps
you could explain why it's wrong for someone else but not for you.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

1827. Looking for TU-35B PL board for Kenwood TR-2600A HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Dave Kaye <dkaye@mars.superlink.net>
Message-ID: <318A3953.2DD5@mars.superlink.net>
Source record: 201814

I am looking for the TU-35B PL tone board for the Kenwood TR-2600A HT. This is an older model HT. I would
appreciate any information anyone could provide. If you have one or know where I could obtain one please
e-mail me at dkaye@mars.superlink.net. Thanks for any info. 73, N2SJH
--
Dave(dkaye@mars.superlink.net)

"Turn off your mind, relax and float downstream"
"Tomorow Never Knows"-Lennon/McCartney

1828. Re: FT-50 cellular

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4mdhj4$4b0$1@mhadf.production.compuserve.com>
Source record: 201815

Huh? The images are 90.2MHz HIGHER than the fundamentals, so you'd hear full strength signals in the 959-984MHz area.

1829. WTB Charger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: fred@sol1.lrsm.upenn.edu
Message-ID: <4md9p3$qs4@netnews.upenn.edu>
Source record: 201816

I am looking for a desk charger for Icom IC-W2A batteries.
Please e-mail if you have one for sale.
Fred

1830. Motorola UHF repeater for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: mscherzi@ix.netcom.com
Message-ID: <4md4rb$1bd@dfw-ixnews5.ix.netcom.com>
Source record: 201817

I have 2 Micor Stations that are upgrade pull outs. Wattage is 280 (?)
with certified to 225 watts.

6 foot cabinets
Eimac CV400 Cavity
encoder modu
repeater contol modu
squelch gate
guard tone decoder
f-1 tone control module
tot
station control module
spectra tac line equalizer

These also have the 3 meters on the top front of the cabinets.

Email or 714-957-9398 California

Have a great day

Matt KF6cyw

1831. Re: MONEY MAKING SCHEME?? Well This One WORKS! - cash.zip (1/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Mark Pettigrew <m.w.pettigrew@shu.ac.uk>
Message-ID: <318A89CB.2C84@shu.ac.uk>
Source record: 201818

```
Tim Taylor wrote:
>
> begin 644 cash.zip
> M4$L#!`H`!@`&`)&6HB#B:_YZ41D``,PS```(````0T%32"Y46%1A"GL'!AL&
> MNPQ+`PD'"PD+"0<6!P@&!08'!@4V!Q87"PH&"`H+!085!`87!0H(!085!@HE

<snip!><snip!><several pages of snips!>

> 95%A44$L%!@`````!``$`-@```'<9`````/CX
> `

Well, it certainly makes money for the telecomms companies and the
service providers if everyone downloads the message in the hope of
reading something useful!

Mark
G0WLR
```

1832. Kenwood TS-922A KW linear Amp, Present value?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: viking@pacifier.com
Message-ID: <4mdki0$m4g@news.pacifier.com>
Source record: 201819

Does anyone have an idea of the present value of a Kenwood TS-922A KW linear amplifier? I'm trying to help a friend dispose of some extra equipment and haven't a clue as to its current value.

Thanks in advance,

Bob East
WA7RED

1833. Need info on Yaesu FT-51R mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: lhebert@premier.net
Message-ID: <4mdkta$i7r@hunter.premier.net>
Source record: 201820

Need any info regarding modifications to the FT-51R, i.e. frequency capability expansion, etc. Any and all info would be GREATLY appreciated!

Thanks in advance!
Lloyd
KB5TQE

1834. IC-Z1A Tx mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: Scott Mosher <smosher@pobox.com>
Message-ID: <318A53DA.29D@pobox.com>
Source record: 201821

I tried to do the mod (a simple removal of one diode), but when I opened up the set, I couldn't find any part of the PC board that resembled the artsci diagram that I have -- has anyone seen/done this mod that can give some assistance, it'd be much appreciated. Email responses preferred, but since some others might have the same problems, maybe posting here might be a better idea!

Thanx
--
** Scott Mosher |
Technical Support | Peace through
Cybersmith, Inc. | superior firepower!
smosher@pobox.com KB2YUC |
****

1835. Need info on Ameritron QSK-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DquF1A.LHy@iglou.com>
Source record: 201822

Does anyone know anything about the QSK-5 adapter?

Does it have a seperate receiver output which goes to the aux
receiving antenna on the transceiver?

Why would it get hot and require fan for higher power? Does it consume
a certain amount of RF power?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

1836. Re: IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: flanders@groupz.net
Message-ID: <4mdmb1$a6o@news1.sunbelt.net>
Source record: 201823

dhughes@efn.org (Dick Hughes) wrote:

>cmoore@vegas.ch.intel.com (Cecil A. Moore~) wrote:

>>In article <4lvj2l$m2l@ram2.ramlink.net>, Tom <tomg@ramlink.net> wrote:
>>>Does anyone have any experience replacing the
>>>backup lithium battery in the IC 745 HF xcvr????
>>
>>I wouldn't even attempt it.
>>
>>73, Cecil, KG7BK, OOTC (not speaking for my employer)

>Actually it can be done if you are very careful. ...
>... One slip and
>your goose is cooked. I agree with Cecil. Much better to send it to
>Icom.

>Dick Hughes - W7LVA
==========
I suspect that ICOM charges the same fee to replace the battery and
reload the EPROM regardless of whether you have tried to do it
yourself, so isn't this one of those situations where you have nothing
to lose by trying it yourself? If you are not a klutz, you would
probably succeed.

Jerry W4UKU (unknown as to klutz factor - haven't changed mine YET)

flanders@groupz.net

1837. Re: FT-50 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: donb@direct.ca
Message-ID: <4mdn4b$had@aphex.direct.ca>
Source record: 201824

In article <jpss-2304962132180001@ts01-10.dialup.ais.net>, jpss@ais.net says...
>
>
>
> I was wondering if any out here can answer some questions about the Yaesu
>FT-50R?
>
> How is it on intermod?
>
> I made the mistake once of buying a Kenwood TH-79a. That thing was useless
>as it would pick up every radiating if oscillator with in a block of itself.
>Was always hearing garbage, images etc. It went back to kenwood and was
>told thats the way it is and learn to live with it. Question...is the
>FT-50 prone to suck up this crud too?

HA! If you thought that the Kenwood TH-79A was bad, then don't even think about the FT-50R. I have both and the TH-79A has a receiver that is millions times better. The FT-50R has an adequate VHF receiver, a HORRIBLE UHF receiver, and the cellular receiver is terrible as well. The kenwood is nothing to gawk over, but it blows the yaesu away.

> How do you like the rx audio, qualitity?, loudness?

Receive audio in the FT-50 is excellent.

> Battery life?

Battery life seems pretty darn good.

> Anyone hack any mods?

Yup. 140-174 and 420-470

> Thanks !

No prob.

> Yaesu told me on the phone today that the FTT-12 keypad option will not
>be available till sometime in May.

I

1838. FS: GE Master Exec/6Meter Base

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: lazeraud@sentex.net
Message-ID: <4mdjcs$9g5@granite.sentex.net>
Source record: 201825

Greetings. I have a GE Master Exec Base unit for sale. It has
tube driver/final and is all tuned and ready to go on 52.525
simplex. Because of the weight involved (a good 50 lbs), I
would prefer pick-up in the Kitchener Ontario area.

Best 73,

Tedd Doda, CET
packet va3sed@va3sed ******* Running TPK under Warp Connect!
e-mail lazeraud@sentex.net** Running the IAK in Warp Connect!
[Team OS/2 in Canada]

1839. Re: Want Mods for the Alinco DR-610T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: donb@direct.ca
Message-ID: <4mdofq$d40@orb.direct.ca>
Source record: 201826
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <317FA402.1F22@email.sps.mot.com>, rswb30@email.sps.mot.com says...
>
>Does anyone know what the mods are for the Alinco DR-610T?

Yeah, remove the front panel from the radio, open up the front panel, cut red and blue wires, put everything back together, reset.

>Steve Fuller
>KB5FIP
>email address: rswb30@email.sps.mot.com
>Bus. phone: 512-891-3333
>home phone: 512-328-0309

Don Boekenkruger
donb@direct.ca

1840. Re: MODS for azden & alinco 6mtr mobiles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: donb@direct.ca
Message-ID: <4mdoqe$d40@orb.direct.ca>
Source record: 201827

In article <4lp0kt$psm@news.usit.net>, squeaky@usit.net says...
>
> I am interested if anyone knows if the azden pcs7500H or the Alinco
>DR-M06T can be modified to operate at the 37Mhz range. I am a Ham and
>volunteer fireman in East Tennessee and the fire dept uses the freq.
>of 37.26 Mhz. I would like to be able to purchase a Ham 6 Mtr mobile
>and modify it to work on the 37 Mhz frequency. If you can help please
>E-Mail me at Squeaky@usit.net . Thank You in advance for your
>assistance.
>

I know that the DR-M06 Will not cover this area, I have modified one and I
beleive it did 40 - 60 Mhz RX/TX.

Don

1841. Re: Alinco DJ-G5 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: donb@direct.ca
Message-ID: <4mdoc5$d40@orb.direct.ca>
Source record: 201828

In article <3183C9E1.78E7@garden.net>, bednark@garden.net says...
>
>Does anyone know where I can find mods for the above HT?
>I need these ASAP. Thanks in advance.

Yeah, open radio, cut blue wiure, put back together, reset.

>Kevin Bednar
>KB2YPU

Don Boekenkruger
donb@direct.ca

1842. Re: Kenwood 733 vs IC-2350 vs DR610?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: donb@direct.ca
Message-ID: <4mdps0$d40@orb.direct.ca>
Source record: 201829

In article <1996Apr28.145602.22200@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us says...
>
>In article <4lu4rb$47h@news.zipnet.net> pmarkou@ferrets.zipnet.net (Peter M) writes:
>>I'm in the market for a dualband radio. I would like to hear any
>>comments (both negative and positive) about ICOM, Kenwood and Alinco
>>dualband radios. One point of interest is the intermod rejection
>>comparison and receiver sensitivity.
>
>All three have too much receiver sensitivity, and are too prone to
>intermod (the Kenwood is the worst of course).

Have you actually tried the DR-610T against intermod, it is certainly the better of all threee, and the best I have seen in it's league. This is the case with or without the Attenuator feature turned on.

>>Important options:
>>1) Crossband Repeat
>
>The Kenwood and Alinco have it for sure, I think the Icom does too.
>It's important to be able to set separate CTCSS tones on the two
>channels during crossband operation, IE has separate encoder and
>decoder, make sure the radio you choose allows that.

The Alinco DR-610T also has one of the fastest switching systems in terms of crossband repeat that I have ever seen.

>>2) 9600 Baud
>
>The Kenwood *clains* to be "9600 ready", but it isn't. The others
>aren't either. The synthesizer designs don't allow proper 9600
>baud modulation (the loop filter chops off parts of the modulation).
>You can sort of make them work, but they won't work right. You either
>have to go in and modify them for two point modulation, or choose
>a radio that does modulation outside the synthesizer loop, IE IF
>modulation such as the Azden PCS9600D and IC820H use.

I would say that the DR-610 is the best bet if you want 9600 baud ready, remember that Alinco was the first to come 9600 baud ready out of the box with their DR-1200TH2.

>>3) DTMF memory
>
>Don't know about that, don't use it and didn't look.
>Take a look at the Standard dualbander. It is almost

>intermod free, and works better (but still not right)
>for 9600 baud packet than the ones you've chosen.

The DR-610T does have DTMF memories.

In my opinion the DR-610 is the BEST dual band mobile radio on the market and I have lots of people who agree. And I say anyone who doesn't has obviously never owned one.

Don Boekenkruger
donb@direct.ca

1843. Kenwood TM-2550A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: scott@west.net
Message-ID: <4mdtpe$h8j@daffy.sb.west.net>
Source record: 201830

I'm looking for a manual for a Kenwood TM-2550A 2mtr radio. If anyone has one, or knows where I can get one, please email me at scott@west.net

Appreciate it!

1844. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mdvmp$hqk@newsbf02.news.aol.com>
Source record: 201831
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

In article <1996May2.151212.13713@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>Well Claude, that's why tetrodes and pentodes were developed, to
>improve the linearity of the transfer curve over that of the triode,
>to offer greater power gain in the linear part of the curve, and in
>most cases to avoid the need for neutralization too.

The primary reason tetrodes were developed was to eliminating the Miller effect (increasing input capacitance with increase with the gain in the tube) and to reduce feedback (by lowering grid to anode capacitance). The neutralization and voltage gain statements are correct, the linearity part needs a lot of qualifications attached.

>when any of them reach clipping is the same. And clipping still produces
>only odd order harmonics.

Of course that statement leads me to wonder why amplifiers generate second harmonics. It seems to not apply correctly to the general case being discussed, since hard clipping is certainly not the common source of distortion even at high volume levels.

The actual cause of distortion is the change in slope of the operating load line of the tube.

I suspect one error comes from looking directly at the characteristic curves of a tube, and deciding a more "horizontal" curve (a more constant current with fixed grid voltages as anode voltage is varied) directly predicts distortion. But tubes aren't normally operated at a fixed grid voltages while the anode voltage is varied (except in regulator service). This isn't a good test of linearity.

In reality, grid voltage is varied and this causes the resistance of the anode to cathode path to vary. It is the change (or curve) in the **slope** of this loadline that causes distortion, and that change does not relate directly to the flatness (stability) of anode current when anode voltage is varied with fixed grid voltages.

Each individual tube type has to be compared in a proper operating load line analysis. Some triodes offer very good linearity while some tetrodes may not, and certainly the opposite is also true. Claiming one gender of power grid tube always generates certain distortion characteristics is too non-specific to be a good rule.

The tube's anode to cathode circuit simply becomes a varying resistance that follows the grid current. It is the linearity deviation of the

operating resistance change vs. GRID voltage change that causes distortion, not the "flatness" of anode current as constant grid voltage and varying anode voltage is applied.

I also question the statement that one type of distortion (hard limiting) results in a product that is "out of band" that can be filtered while the other results in unfilterable harmonics. This part should be common sense.

If the signal is well below the upper limit of hearing, NO filter can correct the distortion witout restricting the fidelity. If the signal being clipped or distorted is above the range of hearing, it might as well be left in. I'd like to see someone design a filter that can remove intermodulation distortion of clipping distortion without altering the frequency response of the ampifier. Perhaps someone can suggest exactly how this is done in specific terms and descriptions? Perhaps for two tones of 1000 and 5000 Hz with both mixing and clipping?

73 Tom

1845. Re: GMRS equipment, need help finding

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: brayman@apt_pc.kodak.com
Message-ID: <4mdmqt$n6v@kodak.rdcs.Kodak.COM>
Source record: 201832

In article <1996Apr30.144031.3336@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
|> In article <4m3uns$1ah@dfw-ixnews2.ix.netcom.com> dononeg@ix.netcom.com(Donald Swartz) writes:
|> >I am looking for information on where GMRS radio equipment can be
|> >acquired. I have only seen GMRS equipment offered by Radio Shack (I
|> >own two of these) and these fall far short of utilizing the full scope
|> >of this radio service.
|> >I would greatly appreciate any information on manufactures you can
|> >supply.
|>
See http://www.gmrs.com for other gmrs equipment.

1846. Remote video transmission

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: dgibbs@aber.ac.uk
Message-ID: <4mcsl6$416@infoserv.aber.ac.uk>
Source record: 201833

We are a group of ham's here in Aberystwyth, West Wales, looking to set up a remote wildlife monitoring system.

Does anybody know of any equipment that would be capable of transmitting a composite video signal over a distance of 1 kilometer?

We've had interest from a local TV station who may like to record some of the output.

Regards,

Dave Gibbs.

1847. Kenwood TL-922A KW linear Amp, Present value?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: viking@pacifier.com
Message-ID: <4me1g7$164@news.pacifier.com>
Source record: 201834

Does anyone have an idea of the present value of a Kenwood TS-922A KW linear amplifier? I'm trying to help a friend dispose of some extra equipment and haven't a clue as to its current value.

Thanks in advance,

Bob East
WA7RED

PS. To the anonymous poster, if you don't have the nerve to put your name on something then don't bother sending it to me!!!!

1848. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4me2bm$r01@crash.microserve.net>
Source record: 201835
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>There are two factors here that we shouldn't confuse. One is
>the performance of the amplifier in clipping, and the other is
>performance of the amplifier before it reaches clipping, IE
>ordinary distortion due to a nonlinear transfer characteristic.

Gary, no one has confused those issues except you. This was
apparent in your first post to this thread, in which you said:

"Yeah, the tube amp will have much higher THD. That's why
rock guitarists like them so much, really incredible
distortion effects."

The fact that this reply was in response to a discussion of
normal operating conditions, and that the effect desired by
guitarists only occurs when the amplifier is driven consistently
into the non-linear region, clearly shows that you hadn't made
the distinction.

You went on to say in another post that tube distortion under
normal operating conditions is much higher and more objectionable
than solid-state amplifiers, but then you contradicted your own
logic by saying:

"Even good modern speakers typically have 3% distortion,
and that's lots more than even a cheap amp produces unless
it is grossly overdriven."

When taken together, what you've said is that guitarists prefer
tube amplifiers for their inherently higher distortion under
normal operating conditions, but that the distortion is
inaudible because the speakers are even worse.

I think you need to either explain this or retract it.

>The latter is always undesirable, while the former is
>inevitable when an amplifier is heavily overdriven,

Both types of distortion are inevitable because there is no
perfect amplifier. The difference under discussion is whether
the distortion is less offensive to the ear in a tube type
audio amplifier.

>and can only be ameloriated by good circuit design, IE the
>higher order odd harmonics can be attenuated by suitable
>output filtering.

Did I miss something? If those harmonics occur at audible frequencies, any attempt to filter them out will also remove desired signals!

>The output transformer can serve that purpose for most tube >amplifiers.

Considering that you've now made this claim several times, I'd like to hear an explanation as to how the transformer can filter audible, undesired harmonics without also attenuating desired signals at those same frequencies.

At this point, I also suggest that we stop applying the term "clipping" to tube type amplifiers. I've been as guilty of this as anyone, but it's not accurate. "Clipping" implies that a scissors-like cut has been made across the top of the waveform as observed on a scope. That's not what happens in a tube amplifier and I'm not sure the term was even coined until the advent of solid state designs.

It would be much more accurate to simply refer to "overdriving the amplifier". That phrase that can be applied equally well to both types.

73,
Jack WB3U

1849. Re: MODS for azden & alinco 6mtr mobiles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4me577$cv4@nnrp1.news.primenet.com>
Source record: 201836

squeaky@usit.net wrote:

> I am interested if anyone knows if the azden pcs7500H or the Alinco
>DR-M06T can be modified to operate at the 37Mhz range. I am a Ham and
>volunteer fireman in East Tennessee and the fire dept uses the freq.
>of 37.26 Mhz. I would like to be able to purchase a Ham 6 Mtr mobile
>and modify it to work on the 37 Mhz frequency. If you can help please
>E-Mail me at Squeaky@usit.net . Thank You in advance for your
>assistance.

I have the 7500h. Clipping diode 127 (I think) opens it up. It will go down to 37m but mine unlocks on TX. Probably could be re-tuned for use there.

Another mod I came up with is for the beep. Whenever you touch any of the buttons on the rig, it beeps. Really sucks too. There is a connector that runs from the faceplate to the main board. Clip and insulate the green wire (green on mine), but refer to your schematics for the one that is labeled "beep".

If I had it to do over again, I would not buy the Azden. Not worth it. When you hold the up or down button to scan around, it stays on the prvious freq untill you release the button. In otherwords, if I was on 52.525 and held the up button till the display read 53.010, it will continue to receive 52.525 untill I release the button. Really sucks to have to push the button a million times when tuning around for a signal.

Rob

1850. Re: Comments on Yaesu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: hoosier69@aol.com
Message-ID: <4me543$k0s@newsbf02.news.aol.com>
Source record: 201837

I've used 8500 for a year - softyware since Aug 95. Very satisfied - i use microphone that shipped but want to try the other one they jsut announced recently, will probably get one at Dayton

1851. What is a good 2m/70cm HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: craigivey@aol.com
Message-ID: <4mei1a$or6@newsbf02.news.aol.com>
Source record: 201838

Can someone please recommend a good 2m/70cm HT model? I'm looking at getting the Yaesu FT-530 model (5 watt), but what is your opinion?

Please reply via E-mail.

Thanks,

CraigIvey@aol.com

1852. Re: Extended s2m Tx

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: "George J. Molnar" <gmolnar@interealm.com>
Message-ID: <318AA5BF.4959@interealm.com>
Source record: 201839

Tor Sverre Lande wrote:
>
> Guys,
>
> I am in the need for a handheld for use during the hunting season. The
> assigned freqs are just below the 144Mhz-band (ie. 143MHz). As I
> understand most handhelds can handle Rx in that band without problems.
> Is it possible to mod any good priced handheld to Tx in a wider TX band?
>
Possible, yes. Legal, probably not. In many countries, including the US,
radios have to be "type accepted" for specific services. Use of amateur
gear outside the ham bands is usually illegal.

There are various brands of very inexpensive VHF handhelds available for
the use you seek -- they are much less costly than ham gear, are easier
to use, and are fully legal.

Good hunting...

--
George J. Molnar
Highlands Ranch, Colorado
Amateur Radio: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

1853. IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4mdfvb$pn@newsroom.HITC.COM>
Source record: 201840

I wanted to know more about "the yellow wire mod" for the IC-706 (the "yellow wire mod" was advertised on the Internet as a means to improve the receive operation of the 706 outside the ham bands in the VHF range)

Here's what Icom had to say:

ICOM stopped advertising and actually changed the specifications for wide receive in July 1995. The radio receive range is advertised from 30 KHz to 120 MHz and 144 to 148 MHz, and it is only guaranteed with in the Amateur Bands. We are fully aware there was still some brochures claiming full receive from 30 KHz to 200 MHz. We will not modify nor embrace this " yellow wire " modification. Doing this modification violates the FCC Part 15 Type Acceptance of the radio. We can not legally do this modification.

When you clip the Yellow wire, you turn off a filter that is designed to retain receiver radiation within the receiver, also you leave a transistor base floating. If troubles arise and are directly caused by this modification, the warranty will be void and the customer will assume responsibility for the cost of repairs.

Gary Fiber
ICOM America, Inc

(I don't particulary care if my 706 receiver "radiates"--I am still wondering if the mod works and is worth the "risk" of voiding the warranty.)

1854. Looking for a HF rig.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: daniel@pandora.lugs.org.sg
Message-ID: <4md69i$6vq@lantana.singnet.com.sg>
Source record: 201841
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Hi,

I am in the market for a mid-range HF rig. I've been looking at some of the Kenwood TS-series and they look good. Also been looking at some Icoms. Don't know much about Yaesu though. In particular I am wondering if there are any problems with the TS450S/AT. What is the Icom model that is closest to this? What about the Icom IC-728? If someone can recommend me a good rig, not necessarily contest grade but decent and reliable, I would really appreciate it. I am a little wary about Kenwood because of their notorious reputation with their VHF sets. Thanks in advance.

73 de 9V1ZV Daniel

p.s. If you can let me know how much to expect for them I would be grateful.

Daniel Wee | daniel@pandora.lugs.org.sg
9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

1855. << HELP >> HOW MUCH SHOULD I PAY FOR YAESU FT-101E ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: wn878@freenet.Victoria.BC.CA
Message-ID: <1996May3.234815.12882@freenet.victoria.bc.ca>
Source record: 201842

I have decided that the new ham rigs are just out of my reach for now, so
I have decided to look for an older model in excellent condition.

Someone recommended the FT-101E, but I have no idea of how much I should
pay for an older set like this.

I would really appreciate any help or pointers that anyone can send my way.

Thanks!

Sandra Kinion
Kent, Washington

1856. Re: Narrow Filtering in TS-930 FSK kills KAM receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <4me57f$dco_001@pine222.cruzio.com>
Source record: 201843

In article <4m9bch$8vr@decius.ultra.net>, leo@jove.com (Lawrence Ober) wrote:
>Has anyone experienced this problem:
>
>I have installed the 2nd & 3rd IF 500Hz filters in my TS-930. When
attempting
>to run FSK with the KAM Plus I encounter a receive problem with narrow
>filtering. Switching in the 500Hz filters or narrowing the VBT more than
>halfway using the Wide filter position causes a loss of display activity and
>output from the KAM. If I use an outboard DSP audio filter set to RTTY mode
>the KAM works properly. Only narrowing the internal IF filtering kills the
KAM.
>I acquired the IF filters specifically for use in FSK and need to figure out
>what's wrong.
>
>It's supposed to work :-)
>

Make sure the mark is 2125 and the space 2295. The KAM defaults to 1600/1800.
You may also need to offset the IF Shift or Passband tuning a little to the
high side. I have to do this with my ICOM IC-765 to "peak" the tones.

73 de Dave KD6TO

1857. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May3.174157.19191@ke4zv.atl.ga.us>
Source record: 201844

In article <4m8hf0$395@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:
> >>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> >jackl@pinetree.microserve.com (WB3U) wrote:
> gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>>>Music has a huge dynamic range, and most people try to
>>>>reproduce it with amps that are too small. If you need 40
>>>>watts average to fill the room, you need about 800 watts peak
>>>>to stay out of clipping on transients. You *can* hear that
>>>>clipping.
>
>>>Where in heck did you come up with this?
>
>>The span between 40 watts and 800 watts is 13 db. The dynamic
>>range of music is 90 db. Now a quiet room has a SPL of 62 dba
>>while a jet engine at takeoff has a SPL of 110 dba and 100 dba
>>is generally accepted as the threshold of pain. So the
>>listening room environment is a limited subset of the musical
>>dynamic range, limited to excursions of about 38 db. Depending
>>on the musical content, you may wish to boost the bottom end of
>>the musical dynamic range up to greater than 62 dba in order
>>for it to be audible. That means that if the music has full
>>dynamics, you'll need to reproduce 152 dba to maintain
>>dynamics.
>
>Gary, these numbers are seriously flawed. The fact that you
>arrived at a necessary peak SPL of 152 dB for music should have
>told you that immediately. If a typical speaker has a rated
>sensitivity of 90 dB SPL at 1 watt/1 meter, then 152 dB at 1
>meter would require approximately 1.7 million watts!

As I noted in the part you cut, 152 dba is obviously ridiculous,
which is why you have to restrict the musical span you can reproduce
to less than the full 90 db offered by a CD. You have to let the
bottom end of the range mush down into the room noise, and limit
or clip the highest end of the range to avoid obviously ridiculous
power levels well beyond the threshold of pain. That still leaves
you with a range sufficient to require at least 13 db of dynamics.
And if the average level requires 40 watts, then the transient
would require 800 watts. Note well that those are just example
numbers, and not necessarily representative of a particular
system.

>Let me give you some accurate (although approximate) numbers
>from my references that should help put this in perspective:

>
> Threshold of Hearing: 0 dB
> A Quiet Room: 35 dB
> A Busy Street: 70 dB
> Thunder: 110 dB
> 75 Piece Orchestra at 15': 115 dB
> Threshold of Feeling: 120 dB
> Threshold of Pain: 140 dB
> Jet Engine at Close Proximity: 155 dB
> 12' Cannon at Muzzle: 220 dB
>
>For purposes of a musical reference, the orchestra mentioned
>above will produce its greatest peak-to-average SPL ratio in the
>area of 200-400 Hz, and that ratio will be approximately 20 dB.
>In addition, the total dynamic range of the orchestra (from
>pianissimo to fortissimo) will be approximately 80-85 dB.

Ok. I don't know what reference you're using for that scale.
I was using the A weighted scale on my sound level meter which
is in dba, where 'a' corresponds to a certain audio power level
at the microphone input stated in something like microbars or
whatever (the calibration sheet isn't handy). Looks like you're
using the threshold of hearing as a reference, but that's rather
dependent on individual hearing.

I think your quiet room number is too low, but I'll accept it
since it makes the dynamic problem worse. Instead of a 40 db
span as I postulated, we're now faced with reproducing a 80 db
dynamic span.

>>Now a comfortable listening level is 80 dba, and that centers
>>you in the usable range. If it takes 40 watts to maintain that
>>sound level, a dynamic transient only 13 db greater, IE 93 dba,
>>will require an amp with a 800 watt peak output to avoid
>>clipping distortion.
>
>Let's apply the *real* numbers to this. If the listener is
>*2 meters* from the speaker described above, 80 dB average SPL
>will be produced by an average drive power (approximate) of 0.4
>watt. Under these conditions, the peak SPL of the orchestra
>will be 20 dB greater, or 100 dB SPL. This will require
>approximately 40 watts, not the 800 watts previously claimed.

But you're talking *acoustic* watts, not electrical watts. Taking
the number of 179 electrical watts to generate one acoustical
watt you quote below for a sealed air suspension speaker, and
scaling by 10 db to give your 80 db SPL, we have 17.9 electrical
watts required from the amplifier. To reproduce a 20 db transient
above that, 100 db SPL, would require 1790 electrical watts. That's
even worse than my example.

>>The IHF has a rating scale for this. My little
>>Polk Compact reference speakers have an IHF rating of 480
>>watts, which won't do the job, but then they don't need
>>40 watts to generate a 80 dba SPL either. Their bigger
>>brothers, the reference series, has an IHF rating of 1600
>>watts and will serve nicely.
>
>Because we now know that 800 watts isn't necessary, I'm not sure
>how relevant the IHF ratings are at this point. I also don't
>remember what frequency(s) that IHF tests are conducted at and I
>don't know the size of the drivers in the Polk speakers.
>Nevertheless, I think it would be worthwhile to provide a
>representative example of the process involved in determining
>the typical limits of cone excursion. This is only intended to
>provide a point of reference regarding the relative capabilities
>of acoustic suspension speakers in general.
>
>A typical 15" woofer will exhibit a peak cone excursion of
>approximately 0.23" when delivering 1 *acoustic* watt at 50 Hz.
>If we assume this woofer is rated to produce 90 dB SPL at 1
>watt/1 meter at this frequency, calculations involving SPL,
>actual sound pressure and sound power show that this speaker has
>an efficiency of approximately 0.56%. Therefore, to deliver 1
>acoustic watt, we will need to apply 179 electrical watts.

There's that magic little number. :-)

>Because we now know that 179 watts will create a cone excursion
>0.23", we also know that 358 watts will create an excursion of
>0.46" and that 716 watts will create an excursion of 0.92".
>The practical limit to cone excursion will probably lie
>somewhere in the vicinity of 0.5"-0.7" if our theoretical model
>is a high compliance woofer in a sealed enclosure. Therefore, I
>would guess that it will probably "clip" at about 400 watts.

That's fairly close to my Polks' IHF rating.

>If we now assume that this is a medium-duty woofer with a
>continuous power rating of 100 watts RMS, it can be seen that
>the peak-to-average power capability is about 4:1 when operated
>at its continuous (average) power rating with a sine wave.
>However, in music, the average power will normally be much less
>than 100 watts at the point where peaks approach this speaker's
>limit. Using the example of the orchestra again, peaks at 400
>watts would indicate a maximum average power that is 20 dB below
>that, or 4 watts.

Some sort of logical error must have sneaked in there somewhere, above
you are postulating it taking 1 acoustic watt to deliver 90 db SPL, which
would be 20 db below the stated 115 db for the symphony in your db chart.
Now 1 acoustic watt is 179 electrical watts according to you, and I'd say
that sounds right. Now that's only -3.49 db below 400 watts, not 20 db.
I believe you're being inconsistent in your use of acoustical watts and

electrical watts in your calculations.

Lets agree that 179 electrical watts gives us a 1 meter 90 db SPL,
and work all our numbers from there in strictly electrical watts.
To get to 115 db SPL, we'd need 428,679 watts. Since that's rather
absurd, it would appear that we aren't going to achieve synphonic
levels out of a single cone air suspension speaker. I'm not surprised.
To achieve those levels at a concert, we find a huge stack of speakers
driven by multiple amplifiers.

Now working the other way, to reach a room noise floor of 35 db SPL,
we need an electrical power -55 db below 179 electrical watts, or
4.07E-13 watts, or 0.4 picowatts. This is why I'm dubious of the
35 db number for a quiet room, that's a ridiculously low power.
If we take my sound meter's number of 62 db for a quiet room, we
only have to drop the 179 watts by -28 db, giving a power of 4.92E-7,
or 0.49 microwatts. That still seems awfully low, but perhaps it is
real, you can hear a crystal radio after all.

It appears that there's been some confusion between acoustic and
electrical watts, and confusion between what our dbs are referenced
to going on here. I'm not sure I've got it straight yet. But it
looks a bit more reasonable now.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1858. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May3.180815.19322@ke4zv.atl.ga.us>
Source record: 201845

In article <4mcoht$3d7@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>Hi Gary,
>
>In article <1996Apr28.161909.22571@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) writes:
>
>>And worse, Tom attacked the MLA2500 modification article (by a
>>different author) *WITHOUT EVEN HAVING READ IT FIRST*. That was
>>unprofessional in the extreme. It would *appear* that Tom harbors
>>an unexplained grudge against Svetlana and its products. Perhaps
>>they wouldn't give him promotional samples, hmmm?
>
>Let's read what you just wrote Gary. You said:
>
>1.) "And worse, Tom attacked the MLA2500 modification article (by a
>different author) *WITHOUT EVEN HAVING READ IT FIRST*."
>
>2.) "That was unprofessional in the extreme."
>
>3.) "It would *appear* that Tom harbors an unexplained grudge against
>Svetlana and its products."
>
>4.) "Perhaps they wouldn't give him promotional samples, hmmm?"
>
>Please point out the technical merit and/or benefit to others in your
>comments Gary. I might have missed your technical point.
>
>73 Tom

There's no technical content to that at all, Tom. That's because it
wasn't in response to a technical point. I was responding to Joe's
post about flamage in this thread.

Statement 1 is simply true. You admitted not having seen the MLA2500
article before posting critcisms of it.

Statement 2 is my (extreme) opinion about that. On reflection, I
shouldn't hold you to professional standards in a post to an amateur
newsgroup.

Statement 3 is my opinion of your attitude throughout this thread.
I'm at a loss as to why you seemed to react so strongly to this
business with Svetlana. It appears to me you must have a motive
beyond what you've written.

Statement 4 is a snippy cheap shot. I don't know whether you get
free samples or not.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1859. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May3.222151.20156@ke4zv.atl.ga.us>
Source record: 201846

In article <4mcq2s$43e@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>Hi Gary,
>In article <1996Apr29.181157.29042@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) writes:
>
>>The 54.77 volts is RMS of course. Drive is stated as 60 watts, and
>>54.77 volts is the correct RMS voltage for 60 watts across 50 ohms.
>>The peak voltage would be 77.22 volts. You are incorrect, however in
>>stating that the peak voltage can only be 56 volts for AB1 because
>>you've neglected the cathode resistor.
>>There is a discrepency between
>>the text of the article and the diagram here. In the text, a 30 ohm
>>cathode resistor is called out, but on the diagram a 20 ohm resistor
>>is shown. Going with the value in the text, and the stated 550 mA (RMS)
>>of current drawn by the tube at 60 watts drive given in the parameters
>>table, we find that the cathode is raised above common by 16.5 volts
>(RMS)
>>or 23.26 volts peak. Added to the -56 volts static bias, that gives
>>79.26 volts between grid and cathode. So the 77.22 volts peak drive
>>is still within the correct range.
>
>No, if the resistor is bypassed it raises the cathode to some value
>between the voltage calculated by the RMS and peak currents, not to the
>value of the peak current as calculated by that resistance.

The resistor is not bypassed. It is used for degenerative feedback.
That's how the stage gain is held so low.

>Such circuitry also causes phase delays in the cathode bias voltage and
>can and usually does produce non-linearity. The effect is that the bias
>"looks correct" during a single tone test, or an incomplete paper
>analysis, but in reality it may be (and usually is) a good bit off, adding
>distortion.

I think you're still talking about a *bypassed* cathode resistor.
This isn't.

>If the cathode resistor of an AB1 amplifier is properly unbypassed, the
>cathode adds correct phase negative feedback, and subtracts from the grid
>drive voltage at a rate of between 1.414 and 2.818 times the metered plate
>current (plus the screen current). This system lowers efficiency but
>greatly improves IMD performance. This effect is inherent in grounded grid
>amplifiers but doesn't necessairily hurt efficiency in them.

Yes. Stage gain is depressed, only 10.97 db, but efficiency still doesn't
look bad. I believe the calculated value was 62.5%. I've seen better, but

that sure isn't bad.

>>Obviously, the 68 db product for a *single* tone, is the third
>>*harmonic* level of the amplifier when driven CW fashion. Product
>>in this case may be a poor choice of words. It is a product of the
>>amplifier, but it isn't a product in the conventional mixing sense.
>
>Product is the wrong word, the correct word is HARMONIC. And harmonic has
>nothing directly to do with the type of tube used. I believe that was the
>incorrect point you made, that the 68 dB had something to do with the fact
>it was a tetrode?

No, I don't think I said that. I was just reporting what I read off
the graphs on oak.oakland.edu for the ARRL lab tests. However, it
may still be true. The tank circuit of this amp doesn't offer that
much harmonic suppression by itself, I know, I have one with 8875s
still in it. So the tetrode modification may be contributing to the
good harmonic output. More linear? Better input match? I don't know.
But that is a better number than the stock amp. (The input match
of the stock amp is pretty poor on some frequencies, requiring me
to resort to a tuner between the rig and the amp to prevent the
rig from going into SWR foldback. It would appear that the 50 ohm
input resistor of the modified amp offers a pretty flat load for
the exciter.)

>>This isn't IMD. The IMD number is for the two tone test, of course.
>>The first two products in that case are spaced at 2 kHz and 4 kHz
>>from the (suppressed) carrier frequency, and are -38 db and -48 db
>>respectively.
>
>Again the details are somewhat lacking, dB what? Below a single tone or
>the peak output?

Below the two tone level. Again, I'd urge you to go to oak.oakland.edu
and look at the ARRL lab report yourself. If I'm misinterpreting the
graphs, I'm sure you'll hurry back and tell us.

>-38 db isn't spectacular, an 8877 or 3CX800 will do much better than that
>in a fixed power level two tone test. I've measured 8877's at over -43 dB
>below PEP for third order and -52 dB in a fixed two tone test. A two tone
>fixed power level test isn't accurate for evaluating SSB, in particular
>with tetrodes.
>
>All of that aside, where is the big "tetrode distortion advantage" you
>touted while being so openly critical of my technical analysis and
>ability? It certainly doesn't appear in those numbers!

The numbers are better than the original amplifier with 8875s. Now I
didn't say that the modification was optimum did I? I don't think so.
If someone started with a clean sheet of paper, I'm confident better
performance numbers could be obtained. As I'm sure you are well aware,
more than just the number of grids in the active device are involved

in achieving a clean amplifier.

This modification appears reasonably easy to do, saves a good bit of money compared to a new pair of 8875s, and has better measured performance in important areas than the original amplifier. That looks like a good deal to me. If the ARRL lab test results showed worse performance than the unmodified amplifier, I'd tend to go along with you in your criticisms. But that's not the case. There may be a different modification one could make that would result in even less expense and even better performance, but the given modification looks like an improvement to me.

I've been critical of your technical analysis because you haven't even read the article or looked at the ARRL lab report. If you had, you'd have noticed that the cathode resistor is not bypassed, and you'd have made sense out of my attempt to describe what the graphs show. There may be things wrong with this modification that I don't see (besides the obvious discrepancy between text and schematic for the cathode resistor value), but I can't take seriously a technical analysis of a circuit you haven't even seen, especially when it is based on incorrect assumptions about the circuit. I get the distinct impression that you've assumed the designer of this modification must be stupid. How about assuming instead that he was reasonably astute? (You can feel free to accuse me of being stupid for attempting to describe the article to you.)

I've also been critical of you because you seemed to have a kneejerk reaction to the mention of Svetlana in this article and the original one. Now I don't know why that is, but I find it difficult to believe that it is merely a matter of a technical difference of opinion about the relative merits of triodes versus tetrodes. Why do you think they bother to put that extra grid in there if it doesn't offer some advantage? Why do you think designers at Harris, RCA, Gates, Collins, etc bothered to use tetrodes if they are inferior performers? Is it because they just liked to design screen supplies?

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1860. Wanted: FT-757GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: billh@gn2.getnet.com
Message-ID: <4meb4g$3qi@news.getnet.com>
Source record: 201847

If you have a FT-757GX you are interested in parting with, I would be interested in hearing from you (MUST have manual and schematic).

(Forgive me father for I have sinned against the newsgroup for posting this but I couldn't help myself)

73
Bill W7JSW
billh@getnet.com

1861. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-03 00:00:00 UTC
From: anon-remailer@utopia.hacktic.nl
Message-ID: <199605030557.HAA14813@utopia.hacktic.nl>
Source record: 201848

p05328@email.mot.com (Bill Hosking) writes:

>I have to say that email from an anonymous remailer with the
>nickname "Ham Burger" doesn't have much credibility with me.

Pay no attention to Mr. Burger. He's a hot dog.

Ha, ha, ha, ha, ha.

1862. Re: decoder MFJ-462B by MFJ

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: Clifford Shepherd <c_shepherd@earthlink.net>
Message-ID: <4mfak7$6hg@uruguay.it.earthlink.net>
Source record: 201662

MFJ Multi Reader:
Select Signal Setup, then options. CW should show up first: button on left in is CW, out is for everything else. I bought Shortwave guide from CRB RESEARCH, this informs me as to where I can find RTTY signals and baud rate: along with other type of signals. I enjoy mine and hope you have fun with yours.

1863. Re: decoder MFJ-462B by MFJ

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: Clifford Shepherd <c_shepherd@earthlink.net>
Message-ID: <4mfb8t$6hg@uruguay.it.earthlink.net>
Source record: 201663

MFJ Multi-Reader: Select Signal Setup; then Options. First to be
displayed should be CW: Button on left: in is CW, out is all otherd.
I bought Shortwave guide from CRB Research, this tells me where to go and
what baud rate is being used, quite helpfull(now no need to guess about
settings). Have fun...

1864. Alinco 610 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4mfoj4$1tt6@usenetp1.news.prodigy.com>
Source record: 201664

Does anyone know of any mods to open the rx freq range of the Alinco 610
Tnx John WA4BMG

1865. Re: Hamfest

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: rh3333@aol.com
Message-ID: <4mfppt$582@newsbf02.news.aol.com>
Source record: 201665

May 17-19

1866. Re: Help with JRL-2000F Linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <831220050snz@microvst.demon.co.uk>
Source record: 201666

In article <830876447snz@microvst.demon.co.uk>
tgold@microvst.demon.co.uk "Anthony R. Gold" writes:

> Can anyone tell me the mod that allows JRC's JRL-2000F to operate on 10m?

This matter is now successfully resolved.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1867. Yaesu FT-10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: TJM <74032.172@compuserve.com>
Message-ID: <318B9445.37A1@compuserve.com>
Source record: 201667

Looking for other FT-10 users/owners...

Anyone else have a problem where the battery drains out while unit
is turned off?? My first FT-10 would now and then drain a fully charged
battery over a 24 hr period even tho off, a current drain shows if
tested (like radio is still on).

New radio replaced.. serial # off by one and same problem now occuring
again.

Production problem??? Anyone else ???

Tks Tjm

1868. Re IC 706 hand mic improvements

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.SOL.3.93.960504085456.14334A-100000@spork.callamer.com>
Source record: 201668

The supplied hand microphone issued with the IC706 has very little low frequency response probably suited best to the Japanese voice. To minimize this effect, select MENU Q4 (carrier frq) ssb only, and change the default to minus 200. This will retain some low frequencies. Do not use the compressor (COMP) as this will also eliminate lows. At least these changes will allows the "rag chew" guys to get off your back until another microphone can be fitted! 73 Cliff W6HDO Morro Bay, CA

1869. Re: The Rules??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: Jim Dunne <jim-g0upg@lds.co.uk>
Message-ID: <318BE69A.6382@lds.co.uk>
Source record: 201669

Hi Bill
I agree with you......as long as it ham radio equipment, for sale
wanted for swap or whatever, post it here.
I have requested manuals and other info here, and got it.........

73 de Jim

1870. Yeasu programming cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: telmnstr@norfolk.infi.net
Message-ID: <4mg37e$n7g@nw002.infi.net>
Source record: 201670

I was wondering if anyone has the schematics for the yeasu programming cable for the business radios? I *BELIEVE* it is the same cable used for the HT's and what not. Just has a RJ-45 connector to Serial connector. We purchased them at the Ohio hamfest.

I have a 3rd party software package that supports the radio, but Yeasu doesn't want to sell the cable without their software.

Ethan

1871. Re: Website for HyGain??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: dougd@lrbcg.com
Message-ID: <4mg4ut$f16@news.dx.net>
Source record: 201671

darryl.linkow@grinder.com (DARRYL LINKOW) wrote:

>Anyone know of a website for HyGain antennas? If so, would they
>please post here or Email me? Thank you and 73,
> Darryl KE6IHA

>---
> * OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PDT

Antennacraft Co.
Burlington, IA 52601 USA
319-754-7575

Amplifiers, Antennas & Accessories.

North Central Ohio Skywarn Info
http://www.amnorth.com/redbone/skywarn.html
http://www.amnorth.com/redbone/ham-page.html
http://lrbcg.com/dougd/antenna.htm

1872. Re: Help with HT-202 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <729.6698T808T2709@nycmetro.com>
Source record: 201672

Thanx for the tips Clint but I already had that from the last time it was posted. What I'm trying to figure now is when in M-VFo mode and I hit M-Set and run thru the menu items I get to set a bunch of things such as:

oS(which I figured out is the Repeater offset)
Ar
Lb
To
tE
P5
ud
5d
Sc
Sr
rc(which I figured out is PLL decode)
tc(PLL to Tx)

These setting are most vexing. Thanx for the help and info.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

1873. FS: ICOM 745 / ICOM Base Mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: jcre@rmii.com
Message-ID: <4mg64e$2j4@natasha.rmii.com>
Source record: 201673

For Sale: Used ICOM 745 with ICOM Base MIC. Excellent condition, box, manual, power cord and new ICOM Base Mic. $800.00

You pay shipping / this one will go quick!

E-Mail: jcre@rmii.com

Jerry Faughn
Owner, JCRE
Colorado

1874. BA1404 fm-stereo transmitter chip

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: jus@killn.time
Message-ID: <4mgg3q$pvv@nntp.interaccess.com>
Source record: 201674

I am looking for anyone who might have an interest in
BA1404 through hole Stereo Transmitter Chips. I worked for this
company that was contracted to create a FM-stereo transmitter for
oanother company that was using it for commercial use. I helped
design a board and had it FCC approved through Bell Labs.
After ordering 1000 units the company was satisfied yet
their need was fulfilled. I had anticipated 2000 units and ordered
an extra 1000 IC's since the manufacturer back-ordered 5000 for
6 months.
I now have 1000 BA1404 chips to sell if anyone is interested.
I also have 100 crystals and varialbe inductors for the FCC approved
design. If you or anyone you know would be interested please let me
know. I will also give schematics if desired.

dc@interaccess.com
Doug

P.S. I would like to sell them as 1 package but will consider breaking
them up in quantity.

1875. Need parts for FT-757GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: egriffin@ctc.net
Message-ID: <4mgj1l$etf@news1.sunbelt.net>
Source record: 201675

When I posted this the other day, I made a mistake. My friend needs
the CONTROL BOARD. Any junkers out there?
73
Ed
KC4DPK

1876. For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: jerry.boyd@ctobbs.com
Message-ID: <9605041509021604@ctobbs.com>
Source record: 201676

The following, in excellent condition, are for sale. Prices are firm
plus shipping (which should be minimal)

JPS NIR-10 DSP/Noise reduction filter $100.00

MFJ 482B CW Memory Keyer 30.00

Jerry
KG6LF
(510) 372-0246
or
JBOYD@CTOBBS.COM

1877. Raytheon Raysistors

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: DMedley@gnn.com
Message-ID: <4mglmd$hc4@news-e2c.gnn.com>
Source record: 201677

Does anyone know what these things are (were)? I have some with types such as CK1101 and CK1114. Is anyone interested in them perhaps as collectors items? They are quite old I am sure. Please e-mail me at dmedley@gnn.com

David Medley

1878. Re: Raytheon Raysistors

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <318C083B.E21@worldnet.att.net>
Source record: 201678

If I remember correctly from a few years back, the raysistor was a package containing an incandescent lamp and a photocell (cadmium sulfide I think). The resistance of the photocell changes in proportion to the amount of light coming from the lamp so it's an optically coupled, current controlled variable resistor. It was used in such applications as remotely controlled gain controls and as the gain control element in automatic gain control circuits. If you're interested in specs I may still have a data sheet filed away at work (I try hard never to throw anything away!).

Bob

1879. ek895 or 896

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: 71033.1526@compuserve.com
Message-ID: <4mglkr$2gt@dub-news-svc-2.compuserve.com>
Source record: 201679

Does anyone have any direct experience with the R&S 895 or 896 receivers? I am interested in views on use of the AGC and digital threshold settings. Thanks.

Val

1880. Re: Tone burst on HTX-212 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: rs@ham.island.net
Message-ID: <9kXeND2w165w@ham.island.net>
Source record: 201680

Wilco de Bree <wilcodeb@xs4all.nl> writes:

> Does anyone can tell me if the HTX-212 FM transceiver has a tone-burst of 175
> --
> Wilco de Bree, The Neherlands

No, it does not. It can transmit a full range of CTCSS tones, but has no
provision for 1750 Hz toneburst.

rs@ham.island.net __|
Robert Smits _/. |\
(VE7HS) CQ CQ CQ !!! < (0)
_ /__ |
( ) <_______/
\ \/ __

1881. FS: TNC, Monitor, other stuff....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: Tim Murray <tamurray@iquest.net>
Message-ID: <DqwAuJ.GFy@iquest.net>
Source record: 201681
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.dx,rec.radio.amateur.space,rec.radio.swap

I have the following items for sale - cleaning shack:

1. CTX 14" SVGA .28 monitor $95

2. 5 /12, 1.2 floppy drive $10

3. Mouse Systems COM 5 card, w/docs $25

4. AEA PK-88 TNC, w/box, docs $75

5. MFJ Packet/Mic switch for Icom $20

6. 6' Laplink serial cable $5

7. IMSI serial mouse, w/drivers $15

8. 14.4 Data / Fax modem, w/docs $25

9. EIDE controller card $10

10. HMC Super EIDE I/O controller card, docs $15

11. Realtex 256k SVGA card $35

12. Reveal VC200 1/2 meg SVGA card, docs $35

13. 486slc/33 motherboard $15

14. 230 watt power suplly, dual fan $25

Pleas contact Tim Murray KC4YDJ at tamurray@iquest.net, or
(317) 984-2005. Tnx es 73.....

1882. Re: Kenwood TL-922A KW linear Amp, Present value?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: "John T. Young" <jtyoung@u.washington.edu>
Message-ID: <Pine.PTX.3.92a.960504193231.26193A-100000@carson.u.washington.edu>
Source record: 201682

Having looked into this just last month, I found TL 922As anywhere from
$900 to $1395 depending on condition with most running from $1100 - $1200.
Are you selling one? 73 de John, KI7JB.

On Fri, 3 May 1996, viking wrote:

> Does anyone have an idea of the present value of a Kenwood TS-922A KW
> linear amplifier? I'm trying to help a friend dispose of some extra
> equipment and haven't a clue as to its current value.
>
> Thanks in advance,
>
> Bob East
> WA7RED
>
> PS. To the anonymous poster, if you don't have the nerve to put your
> name on something then don't bother sending it to me!!!!
>
>
>

1883. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: nobody@mockingbird.alias.net
Message-ID: <19960504233550.aaaa002Y8@babyblue.cs.yale.edu>
Source record: 201683

bobw@col.hp.com (Bob Witte) writes:

>The other thing that's going on is that some folks don't politely
> inform, they flame away. Sorry about that.

No one has been flamed. Mr. Burger only sent a copy of the FAQ.

1884. Re: Tone burst on HTX-212 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: teacherjh@aol.com
Message-ID: <4mh906$jg8@newsbf02.news.aol.com>
Source record: 201684

>>
No, it does not. It can transmit a full range of CTCSS tones, but has no
provision for 1750 Hz toneburst.
<<
What is such a burst used for?

Jose KD1SB

1885. Out of Band Modifications for Radio Shack HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: "John P. Scheiwe" <jscheiwe@tima.com>
Message-ID: <318C2E94.7603@tima.com>
Source record: 201685

I am looking for the modifications for a Radio Shack HTX-212 that will allow it to transmit out of band. I am
hoping to be able to use this radio for RACES work. Any assistance is appreciated.

John Scheiwe - KB9LTI
Bedford, IN
jscheiwe@tima.com

1886. Re: Logikey K-1 Microprocessor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: Jim O'Connell W9WU <jimw9wu@ix.netcom.com>
Message-ID: <318B747E.6EF9@ix.netcom.com>
Source record: 201686

Sylvan Katz wrote:
>
> I fried the microprocessor in my Logikey K-1. Can someone tell me from whom I
> can order a 68HC705C8 chip (the curtis chip I believe). I don't believe
> they are available in the UK.
>
> TNX
> Sylvan (G0TZX & VE5ZX)

Try Bob Locher, W9KNI, at Idiom Press, P.O.Box 1025, Geyserville, CA
95441 USA. Bob manufactures and sells the Logikey kits, including
the latest Super CMOS III (See August, 95 QST)

73, Jim, W9WU

1887. AM RADIO LOG

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8BFF314.0027003D4E.uuout@hobbs.com>
Source record: 201687

To: ALL
Subject: AM RADIO LOG

Can someone tell me who distributes the AM Radio Log (book which lists
all AM Broadcast Stations?)

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo00000o http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

1888. Re: Wide Band Rec HT's?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4meejh$3vn0@news-s01.ny.us.ibm.net>
Source record: 201849

In <3183BF70.1EF9@mail.rust.net>, Bill Crocker <billc@mail.rust.net> writes:
>Can someone please provide a list of HT's that have WIDE band receive,
>including the 800-MHz. band?
>
>Thanks, Bill Crocker

There were 2 good ones about 4 years ago by Icom, the IC-2SRA and IC-4SRA.
These were dual band HT's in almost every respect except they could only transmit
on one band and the other was dedicated soley to receive 50-905 continuous.

You may remember it as the only HT to my knowledge that had 2 seperate
antenna's coming out of it! The receiver section was a cheap knock-off of
the IC-R1 scanner.

These are still around for about $325 used.
]
Good luck.

Steve W.
N2RWE

1889. Kenwood TM-742 questions...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4meg35$3vn0@news-s01.ny.us.ibm.net>
Source record: 201850

I just bought a new TM-742 and have the extended TX mods for it and the 800MHz RX and extra 100ch mods and I can't get the latter 2 to work...

My question is does the extended TX mod have to be done to get 800MHz to work?? I can't even get the rig to tune in the 800 range in the display.

As for the extra memories, the mod says in memory mode hold down F and REV. Extra mem's A1-J0. BUT, I can't seem to tune to them or be able to write to them.

Also any tricks like real-time DTMF monitoring, games, etc. would be appriciated. I have tries the the CD-ROM sites and oakland for the info that I have now as well as the ARTSCI mod book.

Thanks!

Steve W.
N2RWE

1890. FS:Icom IC-W2A Dual Band 2m 440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: que@srv.net
Message-ID: <4meimr$ava@mars.hyperk.com>
Source record: 201851

I have an Icom W2A dual band with manual less battery. The unit works perfectly - period - full xmit power! In very good shape. Make offer by email.

Rob.
que@srv.net.

Rob Lundahl
Lundahl Scientific
Alternative Science: http://www.srv.net/~que/index.html

1891. Hamfest

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: ken yetzer <yetzer@asp1.sbs.ohio-state.edu>
Message-ID: <318AD8B8.41C6@asp1.sbs.ohio-state.edu>
Source record: 201852

Can anyone out there tell me when the Dayton hamfest is?

1892. Re: Motorola UHF repeater for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: davidp@mindspring.com
Message-ID: <davidp.103.0328DFF8@mindspring.com>
Source record: 201853

In article <4md4rb$1bd@dfw-ixnews5.ix.netcom.com> mscherzi@ix.netcom.com(Matthew Scherzi) writes:
>From: mscherzi@ix.netcom.com(Matthew Scherzi)
>Subject: Motorola UHF repeater for sale
>Date: 3 May 1996 14:22:35 GMT

>I have 2 Micor Stations that are upgrade pull outs. Wattage is 280 (?)
>with certified to 225 watts.

>6 foot cabinets
>Eimac CV400 Cavity
>encoder modu
>repeater contol modu
>squelch gate
>guard tone decoder
>f-1 tone control module
>tot
>station control module
>spectra tac line equalizer

>These also have the 3 meters on the top front of the cabinets.

>Email or 714-957-9398 California

>Have a great day

>Matt KF6cyw

I assume you must have some price in mind. Wouldn't it save a lot of
e-mailing back and forth if people would state their asking price up front?
Also, do you know what freqs they are crystalled for now?

Best regards,

david patterson davidp@mindspring.com

1893. Wanted Kenwood TM-331

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: "Ronald M. Dalton" <rmdalton@tcd.net>
Message-ID: <01bb3977.3bd7a3e0$963246c6@rmdalton>
Source record: 201854

Looking for a Kenwood TM-331 220 radio in good clean
condition. Please send reply's to rmdalton@tcd.net

Thanks and CU
Ron - KG7LM

1894. Large listing of Ham Classifieds @ http://www.sarrio.com

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-0305962241260001@host34.cyberg8t.com>
Source record: 201855

The Raymond Sarrio Company's Ham Radio WWW site is proud to announce a FREE Ham Radio classified advertising page at http://www.sarrio.com

This new classified section will allow Hams to search for equipement with the help of a search engine--no need to scroll through 100's of listing before you find that special piece of gear. Plus, when you find the gear your interested in, each listing comes with point-and-click e-mail access, direct to the Ham that listed the item.

For those Hams with gear to sell, take note! It is absolutely FREE to list your equipment within Ham Classifieds, and there will be no posting time delays. Your posting will go on-line, in our classified search engine, immediately. All you need do is fill out a simple forms page, and upon its (point-and-click) submission, your "For Sale" advertisement is on-line within 1 hour. I will be purging the classified listing initially about once every month, but that timeline will shorten as our classified numbers go up. Give it a try, and let me know how you like it. 73's Ray
--
The Raymond Sarrio Co. a full feature Ham Radio Storefront on tth WWW at http://www.csz.com/sarrio in association with Brillar Enterprises http://win-win.com/brillar an Extensive Discount CD-Rom Catalog!

1895. decoder MFJ-462B by MFJ

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: LJFL67A@prodigy.com
Message-ID: <4meecd$g52@usenetp1.news.prodigy.com>
Source record: 201856

Help! Is anybody out there who can help me to operate this decoder successfully? I'm not technically inclined, but I love Dxing and the manual that came along with the decoder isn't too specific about the decoding of CW-data. So if anybody took the time to explain the thing to me I'd be really grateful.
Klaus (LJFL67A@prodigy.
com)

1896. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4metc2$7g3@crash.microserve.net>
Source record: 201857
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

keen@eden.com (R.G. Keen) wrote:

>See the Guitar Effects FAQ at http://www.eden.com/keen for some help
>on the musical effects of distortion.

Thanks R.G., nice Web page. To anyone trying to find this, it's
actually at: http://www.eden.com/~keen. I won't mention how long it
took me to figure that out. ;)

73,
Jack WB3U

1897. Re: IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: dhughes@efn.org
Message-ID: <318ac1e2.44976979@news.efn.org>
Source record: 201858

flanders@groupz.net (Jerry Flanders) wrote:

>dhughes@efn.org (Dick Hughes) wrote:
>
>>cmoore@vegas.ch.intel.com (Cecil A. Moore~) wrote:
>
>>>In article <4lvj2l$m2l@ram2.ramlink.net>, Tom <tomg@ramlink.net> wrote:
>>>>Does anyone have any experience replacing the
>>>>backup lithium battery in the IC 745 HF xcvr????
>>>
>>>I wouldn't even attempt it.
>>>
>>>73, Cecil, KG7BK, OOTC (not speaking for my employer)
>
>>Actually it can be done if you are very careful. ...
>>... One slip and
>>your goose is cooked. I agree with Cecil. Much better to send it to
>>Icom.
>
>>Dick Hughes - W7LVA
>==
>I suspect that ICOM charges the same fee to replace the battery and
>reload the EPROM regardless of whether you have tried to do it
>yourself, so isn't this one of those situations where you have nothing
>to lose by trying it yourself? If you are not a klutz, you would
>probably succeed.
>
>Jerry W4UKU (unknown as to klutz factor - haven't changed mine YET)
>
>flanders@groupz.net
>
I would agree with you for a lot of people, Jerry. I did it and
survived. One does need to be able to attach a battery to two I.C.
legs without shorting anything out or attaching to the wrong legs.
Need steady hands. Just a precaution.

Dick Hughes - W7LVA

1898. Tone burst on HTX-212 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: Wilco de Bree <wilcodeb@xs4all.nl>
Message-ID: <318B0AB5.6246@xs4all.nl>
Source record: 201859

Does anyone can tell me if the HTX-212 FM transceiver has a tone-burst of 1750 Hz??
--
Wilco de Bree, The Neherlands

==============================
http://www.xs4all.nl/~wilcodeb/
==============================

1899. WTB: scanner in israel

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: tadinfo@netvision.net.il
Message-ID: <4mf69c$9ij@news.NetVision.net.il>
Source record: 201860

hi,

wtb a scanner that covers freq. from 30 to 1000 mhz.

if anyone know about someone selling this stuff in israel please email me.

thank u in advance.

bye

igal

1900. Wanted: Millen 90801 Exciter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-04 00:00:00 UTC
From: jolson@intergate.net
Message-ID: <jolson.76.05F4DDC3@intergate.net>
Source record: 201861

Wanted: James Millen 90801 Exciter.

Thanks,

James Olson, N6IFO/4
Powder Springs, GA

1901. Re: TS-870S Hidden Menus

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Keith Hester <ks9c@itis.com>
Message-ID: <318D0061.7656@itis.com>
Source record: 201612

Feroz Ghouse wrote:
>
> A few weeks ago there was a posting describing how one could access the
> two hidden menus on the TS-870S
> a. NR + USB + PWR ON
> b. NR + CW + PRW ON
>
> Now I would like to know what is contained in these menus and what
> information do they yield. I could not make head or tail of them. Shows
> how much I know :)
>
> 73
>
> Feroz Ghouse 4S7FG/WU9N

Hi Feroz:

The menus that one accesses through NR + LSB/USB (+PWR ON) are not actually "hidden". These are standard Service Adjustment Mode menus and are described in the Service Manual for the TS-870S.

As for the menus associated with NR + CW/-R... sorry, I would like to know as well!

Regards,
Keith (KS9C)

1902. Help with FT-40R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: amundson@cts.com
Message-ID: <4miltm$9jg_001@amundson.cts.com>
Source record: 201613

I recently bought a FT-40R to use in Search and Rescue. The radio was previously converted and I did a master cpu reset. After the reset the radio went back to 430.00 to 450.00. I was wondering if anyone knew the sequence of buttons to push to bring back the extended rx/tx? Thanks ...Ray KC6FUA.

1903. HTX-202 Warning.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <1521.6699T928T1528@nycmetro.com>
Source record: 201614

Okie folks, don't know if this has been mentioned before or has happened to anyone else before but here goes.....

I recently bought a RS HTX-202 2 meter HT from the net, arrived as advertised and all was good with the world (Thanx to Bill Coyle!)

Anyway the warning I have is this. Make SURE to check the Ferrule on the HTX-202's BNC connector for the Antenna. Mine worked itself loose then due to my negligence I had it strapped on my belt to the back of my body. When I jumped into my truck I likely flexed the antenna and the BNC connector. We had LOUSY weather here yesterday so I chalked up the horrible reception to this. Today we Had gorgeous weather and still recieved Nothing. Opened up the Radio(the Screws seem to be made of some REALLY crappy steel and the heads are easily torn up even with a good jewelers screwdriver being used) and looked at the connection to the BNC Antenna Jack and sure enuff the lead from the PCB to the BNC was broken. A couple of minutes with a soldering iron and it was fixed but it's pretty tight in there so I'd rather not do this again ;-)

Hope this saves someone else from having the same problem I did.

Remember Check them Ferrules!!!!! NOW!!! ;-)

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

1904. Re: Narrow Filtering in TS-930 FSK kills KAM receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Keith Hester <ks9c@itis.com>
Message-ID: <318D0ACC.FD6@itis.com>
Source record: 201615

Lawrence Ober wrote:
>
> Has anyone experienced this problem:
>
> I have installed the 2nd & 3rd IF 500Hz filters in my TS-930. When attempting
> to run FSK with the KAM Plus I encounter a receive problem with narrow
> filtering. Switching in the 500Hz filters or narrowing the VBT more than
> halfway using the Wide filter position causes a loss of display activity and
> output from the KAM. If I use an outboard DSP audio filter set to RTTY mode
> the KAM works properly. Only narrowing the internal IF filtering kills the KAM.
> I acquired the IF filters specifically for use in FSK and need to figure out
> what's wrong.
>
> It's supposed to work :-)

Hi Lawrence:

It's been a long time since I've played with a TS-930, but I suspect that aging of the carrier oscillators (CAR 1-4) may have caused them to drift sufficiently that both "mark" and "space" no longer fall within the 500Hz bandwidth of the filters (a not uncommon problem in the TS-940). You should be able to get a pretty good idea of how the filters are responding by tuning to a marker frequency and noting the S-meter action when the dial is tuned to produce the requisite 2125/2295 Hz audio outputs. If one or the other of these tones cannot be achieved with the S-meter at or near a peak reading, you should perform Steps 1-4 & 8 of the RX Adjustment section of the Service Manual. Hopefully, this should correct the problem.

Also, it is very likely that use of the VBT with these narrow filters will quickly reduce the effective bandwidth to less than is needed for good FSK. But this effect of the VBT can be checked as suggested above: See how far you can advance the VBT and still pass both the 2125 & 2295 Hz signals and still maintain a full S-meter reading for both.

Good luck & regards,
Keith (KS9C)

You will probably get the best overall effect by utilizing the 500 Hz filters (with no VBT) together with the outboard DSP when needed!

1905. Ant Tuner with NRD 535?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: feustel@netcom.com
Message-ID: <feustelDqxvDp.Lnn@netcom.com>
Source record: 201616

I'm currently using my NRD 535 with a ~30 foot indoor long wire.
Would an antenna tuner be a useful addition to this configuration?
--
feustel@netcom.com
Dave Feustel N9MYI - NRA Life
Fort Wayne, IN For PGP Public Key, finger feustel@netcom.com
219-483-1857 Or else access http://www.mixi.net/~feustel/

1906. BT-6 battery info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: askaggs@freenet.columbus.oh.us
Message-ID: <4mj25a$417@acme.freenet.columbus.oh.us>
Source record: 201617

I have a BT-6 battery case for a Kenwood HT. Would anyone know what kind
of Kenwood HT uses this type of battery case? Thanks for all replies, Allen
--
==========
Allen Skaggs, Grove City, OH.
Packet Radio Address: NV8R@W8CQK.#CMH.OH.USA.

1907. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Mark Oppenheim <Mark@Tetherless.com>
Message-ID: <4mj3au$v2@gorgor.pa.tetherless.com>
Source record: 201618
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Can this thread be moved to:

alt.tubes.obsessive ?

Mark

1908. Re: Alinco dx70

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4mii5n$q9r@dfw-ixnews1.ix.netcom.com>
Source record: 201619

In <4m5p90$kpi@newsbf02.news.aol.com> lewis39@aol.com (LEWIS39) writes:

>
> I've been thinking about picking up the dx70 by Alinco and have
only
>heard good things about it..... Is there anything bad? Any problems?

>Also are there any mods??
>
>Thanks..

I have one it gets good on air reports and has a pretty hot receiver. The down side. Alinco is at best non-responsive the noise blanker is non exsistant even after the factory mod. There are "MARS/CAP" mods. Most of the response problems seem to lie in Japan and at times Alinco America seems as frustrated as anyone. The six meter section is an inigma so far there have been no band openings when I was using the radio. The FM section of 6 is so noisy as to be unusable. The concept of having two antenna connectors for HF and 6 makes a lot of sense but I would guess it is just because the final amplifier transistors are not used on 6 rather than a thoughtful design. There are "filters" on all modes save FM but they are not lattice filters but rather some type of capacitive audio device. They are reminscent of the audio filters sold before the advent of DSP. Accessories are the typical Pacific Rim Ripoff but are comming down as pressure from the IC-706 is being felt. Currently you get a remote kit and a mobile mount when you buy the radio. This is no big deal as you should get these things anyway. If you happened to foolishly buy your DX-70 before the new lower price and give aways tough luck they don't even answer email about the accessories. All in all the radio is OK but it will be my last Alinco the attitude and service are so much better at Yaesu I'll just spend my money there. Hope this helps.

73 Jerry KK5YY

1909. Kenwood DSP-100, any comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: cqcqcq@ipoline.com
Message-ID: <cqcqcq.4.002ACF41@ipoline.com>
Source record: 201620

I bought a Kenwood DSP-100 and hooked it up with my TS-850, unfortunately I can hardly see the difference. Can anybody help please?

Tnx.

de VE3CQD

1910. MAY 4 KANSAS CITY HAMFEST << IT STUNK! >>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Sandra Kinion <wn878@freenet.victoria.bc.ca>
Message-ID: <1996May5.172615.119267@kuhub.cc.ukans.edu>
Source record: 201621

RE: PHD 1996 KC MIDWEST AMATEUR RADIO CONVENTION

Anybody out there catch the "big" hamfest in Kansas City this
past Saturday (May 4)? This was the one held at I-435 and Front Street.

Was anybody a bit disapointed with this get together?

Where were the big three Japanese equipment manufacturers? I cruised
the entire show and didn't see one single booth. No literature, no
demonstrations of the latest gear!

As for the flea market, I am wondering why there was no outside
"tailgate" flea market space. I also noticed that there was mostly junk
equipment for sale at the inside flea market ($20/table), most of which was
worn out and dirty or else bought from Fair Radio and then jacked up in
price about 25 percent.

Didn't see any National. Didn't see the first piece of Collins gear.
As for Hammarlund...the only piece on display was an HQ-110 that
was not operational and grossly overpriced.
Have the collectors and overseas buyers finally hoarded ALL of the
good stuff?

What exactly did we get for the money spent on admission?

Also noticed that about 25% of the flea market was taken up with old,
outdated computer junk that no one really wanted. Did not see much of
the older Japanese radio gear for sale.

The last ham convention that I attended was almost 10 years ago in Atlanta.
Quite a different story there. Have things really changed that much
in 10 years?

You input on this will probably enlighted others out there in addition to
myself.

Remember, this was a hamfest held in a major metro area! This all
makes me wonder what the really big hamfest (Dayton) was like?
Is Kansas City just a sucky place for a hamfest, or is the hobby of ham
radio slowly slipping away?

Anyone?

Sandra Kinion
Kansas City, Missouri

1911. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: tubebuyer@aol.com
Message-ID: <4mjq1n$co2@newsbf02.news.aol.com>
Source record: 201622
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Can some tell me how to subscribe to this group, or hook me up with a good shrink?

1912. FT-757 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: s87c51@aol.com
Message-ID: <4mjrqd$dd0@newsbf02.news.aol.com>
Source record: 201623

I have had my FT-757 for over seven years and it works great. The other day I was transmitting and notice that my cooling fan had not kicked in, the heat sink was very hot!

Later, I let the rig run full power (into a DL) for six minutes and the cooling fan did not kick it.

Can someone on the group try this and see it at work point the cooling fan kicks in? I don't transmit much so I don't remember when the fan comes on.

I did check the fan and it worked with 9V across it. I hate to go into the PA so I may just hardwire the fan.

Thanks

1913. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: s87c51@aol.com
Message-ID: <4mjs60$dh3@newsbf02.news.aol.com>
Source record: 201624

What ever happen to the FoX-Tango club? Are there any Yaesu nets? I owned a FT-101EE and it was a very good radio, except for the mechnical relay that kicked in/out for TX/RX. Having headphones on, I would hear a very loud pop!

Upgraded to the FT-757 and still have and use it.

1914. Re: Tone burst on HTX-212 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: rs@ham.island.net
Message-ID: <JakHND1w165w@ham.island.net>
Source record: 201625

teacherjh@aol.com (Teacherjh) writes:

> >>
> No, it does not. It can transmit a full range of CTCSS tones, but has no
> provision for 1750 Hz toneburst.
> <<
> What is such a burst used for?

Accessing European repeaters. 1750 Hz toneburst is commonly used in
Europe.

rs@ham.island.net __|
Robert Smits _/. |\
(VE7HS) CQ CQ CQ !!! < (0)
_ /__ |
( ) <_______/
\ \/ __

1915. Re: GMRS equipment, need help finding

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: jefco@got.net
Message-ID: <318D94F6.3755@got.net>
Source record: 201626

In article <4m3uns$1ah@dfw-ixnews2.ix.netcom.com> dononeg@ix.netcom.com(Donald Swartz) writes:
>I am looking for information on where GMRS radio equipment can be
>acquired. I have only seen GMRS equipment offered by Radio Shack (I
>own two of these) and these fall far short of utilizing the full scope
>of this radio service.
>I would greatly appreciate any information on manufactures you can
>supply.

Maxon makes a rig for >$200 which has all of the interstitials plus room for two "dealer programmable" repeater splits. Haven't used it since I'm not doing GRMS yet, but it's available from Scanner World. If I had access to thier catalog I'd give you their 800 number...

--jeff, kf6bkg

1916. RE: Picking an HT, especially for remote locations

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: bluospry@ix.netcom.com
Message-ID: <4mjbkc$pd4@dfw-ixnews1.ix.netcom.com>
Source record: 201627

Buying the right HT
IMHO all of the ham radio companies are good. Usually the latest radios out have some new features and advantages. But it depends on where you live, how you'er going to use it, what you can pay, and what repeater club you belong to that really matters. You should buy an HT suited to your specific needs.
If you want to use it in the distance wilderness you will want a telescoping 1/2 wave antenna, a maximun voltage battery pack (13.2v, 12v or 9.6v depending on the radio), and a radio that puts out 5 to 7 watts. You may want to add a walking stick beam antenna (Arrow Antenna, 1461 Peacock Pl., Loveland CO 80537) if you get even more remote. Bigger batteries, antennas and radios become valuable for remote communications.
Picking bands is simple look in the repeater guide to see which bands have the most open repeaters and where the high coverage mountain top repeaters exist (the maps of repeaters show many of these). In terms of HTs 2 meter propagates better then 1 1/4 meter which is better then 70 cm which is much better then 1.2 gHz. But in underground parking structures the trend reverses. In most areas 2 meter is best and 1 1/4 or 70 cm is second best. In California there are interstate nets two run on 1 1/4 meter through most of the state except the northern extreme into western Arizona and Nevada and one in the southeast desert of California on 2 meter into Arizona, New Mexico and western Texas. Check what nets you might want to use. Finally decide what repeater group you will join and what bands are best for that club. Pick the best bands for your area and use.
Picking the size of the radio depends on how much you will use it in the big city. Small radios typically have more intermodulation problems, bad for the big city, then the larger Hts. But intermodulation is rarely a problem in the suburbs or afield.
Will you try to use the HT in a vehicle? If you have a very small amp and speaker, typical of the shirt pocket variety, you will need and external audio amp and speaker to hear it in your car. But the larger amp and speakers of the bigger HTs can easily be heard in the moving vehicle. You could of course have a shirt pocket HT and a mobile transceiver in your car. Pick a size of HT that fits your needs.
Some radios have 12 memories and others 200 memories; if there are hundreds of repeaters in the general area of your travels you may want more memories to prevent constant reprogaming. For limited travel in remote areas a dozen memories is fine. Pick the right amount of memories.
Are you going to use the radio at night in the dark? Then you may want a HT that has a key display that is lighted on command.
Most new HT s have CTCSS, tone and paging but in general be aware of

the rest of the features and if they would be of use to you. After you have answered these questions look in the catalogues and match up the HTs with the proper features considering of course your pocketbook. My personal choices were a Standard C228A (2 m / 1 1/4 m, my preferred radio), a Radio Shack HTX-202 (a powerful radio in audio and transmit), and a Standard C558A (2 m / 70 cm) used only when I need a compact radio.
If you get a radio made by a non-commercial manufacturer (Standard and Mortorola make the commercial radios) put some (loc-tight) on the threads of the BNC connector as this sometimes comes loose on hand held radios and might cause the BNC to pull away from the solder joint inside the radio thus breaking the antenna connection!

1917. Re: IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May5.153608.28273@ke4zv.atl.ga.us>
Source record: 201628

In article <4mdfvb$pn@newsroom.HITC.COM> "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
writes:
>I wanted to know more about "the yellow wire mod" for the IC-706 (the "yellow wire mod"
was
>advertised on the Internet as a means to improve the receive operation of the 706 outside
>the ham bands in the VHF range)
>
>Here's what Icom had to say:
>
>ICOM stopped advertising and actually changed the specifications for wide receive in July
>1995. The radio receive range is advertised from 30 KHz to 120 MHz and 144 to 148 MHz, and
>it is only guaranteed with in the Amateur Bands. We are fully aware there was still some
>brochures claiming full receive from 30 KHz to 200 MHz. We will not modify nor embrace
>this " yellow wire " modification. Doing this modification violates the FCC Part 15 Type
>Acceptance of the radio. We can not legally do this modification.
>
>When you clip the Yellow wire, you turn off a filter that is designed to retain receiver
>radiation within the receiver, also you leave a transistor base floating. If troubles
>arise and are directly caused by this modification, the warranty will be void and the
>customer will assume responsibility for the cost of repairs.
>
>Gary Fiber
>ICOM America, Inc
>
>(I don't particulary care if my 706 receiver "radiates"--I am still wondering if the mod
>works and is worth the "risk" of voiding the warranty.)

The yellow wire mod works, and was apparently circulated by someone within
Icom America itself shortly after the radio came out. My first reaction on
reading this was to say "Hogwash!", but then I thought that maybe I ought
to do some investigation first.

If you examine the circuit, not one but two preamp stages are between
the antenna input and the first mixer, and not one but two low pass
filters are between the input and the first LO, not counting the HP/LP
filter combination used for wide receive. When you do the yellow wire mod,
you insert a bandpass filter (the 2m filter) in the signal path all the
time instead of the "wider" filter Icom originally intended for operation
outside of 2m.

Now we're asked to believe that LO leaks back through two preamps
(indicating the preamp design has poor S21 characteristics), two
low pass filters (the radio uses high side injection), and through
the 2m bandpass filter in sufficient amount to violate Part 15
standards when you're doing receiving above 2m (the purpose of the

mod), but not when you're operating 2m and the LO is closer in frequency to the filter passband center.

So I decided to drag out the old Tek spectrum analyzer and check this out. To put it nicely, my first reaction to exclaim "hogwash!" would seem to be vindicated. There is no LO re-radiation exceeding -100 dbm (the noise floor of my analyzer) when you tune above 2m after the "yellow wire mod" (or more precisely in my case a more extensive modification that extends receive all the way up to 200 MHz as originally advertised, the yellow wire mod peters out above 165 MHz).

But I decided to poke around a bit more. The dangerous area would appear to be tuning in the 74-78 MHz area where the LO falls *within* the 2m band, and is thus centered on the lowest insertion loss portion of the 2m bandpass filter. You can check for this by listening with a HT cabled to the VHF connector of the IC-706 while tuning this range (don't transmit!). Sure enough, there's a detectable signal at the connector. It's below -80 dbm, but it is there. What's more interesting, however, is that if you put a good quality dummy load directly on the VHF port and wave your HT around the *case* of the radio, the signal seems even stronger. This leads me to believe that the oscillator signal is not coming *through* the filter, but rather *around* the filter, yellow wire mod or no yellow wire mod.

Somebody who *hasn't* modified their IC-706 yet please try this test. Tune the IC-706 to 75.352 MHz and listen on 144.365 MHz with your HT for LO leakage. Report back here what you hear.

Now this is only a sample of one, your radio may vary. I don't think you can get in trouble, however, if you do the yellow wire mod and use it to tune above 2m. It is barely possible you could have a problem if you tuned around just below the FM broadcast band, but I doubt it. If my radio is typical, I believe you're still within the Part 15 standard, but I don't have the relevant Part 15 standard in front of me and I could be wrong. I couldn't kerchunk any of the local 2m repeaters with this re-radiation, even when the radio was connected to my 2x4Max gain colinear at 70 feet. I'm full quieting into one of those machines with the 260 mW of my C508A on its rubber dummy load at ground level to give a point of comparison.

My opinion, for what it is worth, is that Icom was getting too many of these rigs back in for warranty repair after someone butchered the mod, and found an excuse to disallow it. I don't have any quarrel with that, when you start poking around inside a radio making changes, the manufacturer can't be liable for the quality of your work. But I don't think Part 15 really has anything to do with it (other than maybe that Icom would have to recertify the radio with the mod in place). If I'm right, there's more LO leakage from the *case* of the radio than out the antenna connector, mod or no mod.

If you're concerned about your warranty, you've been warned that doing the mod will void it. But if you don't care about that, I think the

mod is still within good (amateur) engineering practice. And it does
let you receive the NOAA Wx transmissions with reasonable sensitivity.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1918. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May5.163121.28590@ke4zv.atl.ga.us>
Source record: 201629

In article <4mcr84$4mf@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>Another thought came to mind.
>
>Besides obvious control grid to cathode linearity problems created from
>phase shift or delay at syllablic rates when the cathode is "floated" by a
>series resistance (in parallel with some capacitance), a more severe
>problem creeps in. The tube is moved closer to cut-off if the cathode is
>not allowed to return to ground at during the neagtive grid portion of
>each cycle exactly in step with the RF signal!

I obviously don't know the value of stray capacitance between cathode
and ground in this modified amp (nothing is said about it in the
article), but there's no deliberate capacitance there. And given
that T=R*C, and R is fixed at 30 (or 20) ohms, the value of stray
C would have to be substantial to have any effect at syllabic rates.

>For example, consider a class AB amplifier at the edge of cutoff. Adding a
>few volts of positive cathode voltage not only reduces the effective
>current by increasing the bias voltage, it also reduces the effective
>screen voltage. Moving the screen to cathode voltage around carelessly at
>an audio rate is absolutely the last thing that should be done in a SSB
>amplifier.

Yes, but moving it around on purpose may be useful. Consider that
screen voltage controls stage gain in a tetrode. By varying screen
voltage in step with drive, you get a gain control effect in accordance
with the 3/2 power rule, IE speech compression for "free" without the
use of external ALC. The author claims that no external ALC is required.
There's a 0.1 uf cap in parallel with a 180k resistor shown connected
right at the screen. That has a time constant of 0.018 second which would
seem to smooth response above the syllabic rate, IE above 95 Hz.

>Raising the cathode voltage moves the tube rapidly towards class C
>operation, increasing efficiency and decreasing linearity. This effect is
>indicated by Svetlana's specifications for the 4CX1600, which shows
>efficiency rising from 61 to 72 %, and IMD increasing from -36 dB (below a
>single tone of a two tone test) to -30 dB when a catode resistor is added
>to a 4CX1600!

OTOH, the author of the article quotes the Swetlana data sheet for their
4CX800A as yielding a 3 db *improvement* in 5th order IMD with the addition
of the cathode resistor. I just went back and examined the ARRL lab report
graphs again. In what I hope is proper terminology, here's what I see.

3rd order -41 db
5th order -38 db

7th order -55 db

All figures are db down from one tone of the two tone test signal, and
are interpolations from the graph. They might be off a db one way or
the other due to my interpolation. It appears to me that the author's
meaning might have been reversed in the text of the article since 5th
order products are the worst of the three. But the relevant point to
me is that these are actual test results from what we should hope is
a relatively unbiased source.

>Gary's text called my attention to yet another very good reason why the
>correct grid resistor should have been selected in these articles, rather
>than the addition of a simple cathode resistance to correct a grid loading
>error.

Again you're assuming the author of the article is stupid. Assume
instead that my attempt at explaining the article to you is what's
stupid. Now if the author indeed knows what he's doing (he is a Phd
with extensive tetrode experience according to the bio), the use of
a cathode resistor is *not* to cover up an error. In fact, in the
text he stresses the reasons he chose to use a cathode resistor
in the circuit, primarily to obviate the need for ALC and to use
negative feedback to improve amplifier linearity. The hopefully
correct two tone test data I've entered above would tend to confirm
his choice wouldn't you say?

>The more technical information I hear about the two articles Gary
>mentioned, the more questions I have about the effort actually made to
>design a clean HF amplifier. Tetrode design is complex and must be
>carefully done to avoid unwanted distortion.

If you've dropped your ARRL membership for some reason, I'll be
happy to go down to HRO and *buy* a copy of the magazine for
you and send it to you. As long as you won't read the actual
article, you're shooting wildly in the dark.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

1919. HDTV

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Ray Tang <Ray@ardprest.demon.co.uk>
Message-ID: <318BF69A.4EB1@ardprest.demon.co.uk>
Source record: 201688

Can some-one please assist me???
I need to do a short presentation on how HDTV works!!!
I know i've left it too late. Can anyone help?
Ps. I Know little or nothing!
Thanks

1920. Wanted: Manual - Tektronix T922 Scope

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: rmwatson@eskimo.com
Message-ID: <DqwtpM.H41@eskimo.com>
Source record: 201689

Hello;

I recently picked up a Tektronix T922 dual-trace oscilloscope, and am looking for either an original or copy of the manual. It anybody has one available, and would be willing to provide me with the original (or copy), I would appreciate it. I will pay reasonable costs, including the mailing.

Thanks much,

Robert/KJ7BO
rmwatson@eskimo.com

1921. FS: TS-450SAT Plus Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: tenorman@i1.net
Message-ID: <4mh2id$58h@news1.i1.net>
Source record: 201690
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

For Sale: Kenwood TS-450SAT - 160-10 Meter All Mode transceiver with built in antenna tuner. Absolute perfect shape. Very little use!!! Includes Astatic D-104 desk mic, and Timewave Tech. DSP9 digital signal processor with latest ROM, and RS232 interface (home brew). Asking $1200.00 for all or best offer. Please email tenorman@i1.net or call Mike at 314-235-8012 days or 314-428-4849 evenings. 73 - WQ0N

1922. 100HZ Tone Generator info for repeater access?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: af104@detroit.freenet.org
Message-ID: <4mh9k1$5v0@detroit.freenet.org>
Source record: 201691

Anyone seen any articles and/or circuits for a 100hz tone
generator I can use with some older 2 meter gear to access
some local repeaters?

Jeff
WB5KZW
Near Detroit
(810) 788-3210

Thanks!
--

1923. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4mhcg1$ck0@miwok.nbn.com>
Source record: 201692

NOT to be "picky", Tom, but the Collins 30L1 uses 811-a's, not a 4cx1000,
It was their 30 *S*1 that used the larger tube... YEAH, I know you knew
that...

I'm not perfect either...

--
Gary... KJ6Q...I am the NRA

1924. Re: Tone burst on HTX-212 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Wilco de Bree <wilcodeb@xs4all.nl>
Message-ID: <318C6CE2.534B@xs4all.nl>
Source record: 201693

The tone-burst of 1750Hz is to open a repeater in the Netherlands.
--
Wilco de Bree

==========
http://www.xs4all.nl/~wilcodeb/
==========

1925. Re: Icom RS232 to TTL Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Dave Bernstein <dhb@rational.com>
Message-ID: <318C79E8.6FAD@rational.com>
Source record: 201694

The QST circuit works fine - bidirectionally - with both my 735 and 775.
Sounds like you've got a bad part, a miswire, or perhaps a defective
radio. A scope would allow you to quickly isolate the culprit.

Dave
AA6YQ
dhb@rational.com

1926. Icom 775 problem and fix

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Dave Bernstein <dhb@rational.com>
Message-ID: <318C7F6F.53BC@rational.com>
Source record: 201695

While attempting to break an 80m cw pileup with the DX working split, a local DXer asked me via packetcluster to kindly stop transmitting on the DX's frequency. While operating my new 775 was not yet second nature, I was sure I had the radio was in split mode, and quickly verified that to be the case. Later experiments revealed the problem - in split mode, the 775 was transmitting on the "receive" vfo as well as the "transmit" vfo, about 30-40 db down.

I called Icom Service the next morning and was told that this was known problem suffered by some but not all 775s; they refer to it as the "receive interaction problem". HRO, where I bought the radio, expeditiously returned my 775 to Icom Service, and the radio was back in my shack in ten days - with no more receive interaction.

If you've got a 775, you might ask a friend to check your receive frequency while you transmit in split mode. Your fellow DXers with thank you...

Dave
AA6YQ
dhb@rational.com

1927. opinion on Alinco DJ-582T and Yaesu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: jtuan@eden.rutgers.edu
Message-ID: <4mi64d$mog@er5.rutgers.edu>
Source record: 201696
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I am selecting a dual band HT that transceives on 2m and 440MHZ. I am currently looking at Alinco DJ-582T and Yaesu FT-530. Does anyone have any comments/opinions on either of these radio? Also any suggestions on any other models are welcomed. Oh. if you don want to suggest another HT, the specs for it should be: 2m/440, CTCSS encode/decode, at least 2W output, DTMF. Also extended receive capablility is preferred.

Thanks in advance,
James.

PS I have a Radio Shack HTX-202 now, should I sell it after I buy a new one?

1928. How much is a TS 520-S worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: BFletche@mail.state.wi.US
Message-ID: <318CC9E5@ecbgateway.wecb.state.wi.us>
Source record: 201697

Does anyone have an idea how much a Kenwood TS 520-S is worth these days? .
I am thinking of selling mine but I have not made up my mind on this. I
tried getting an answer out of AES, in Milwaukee, but no response.

BTW, how does a person subscribe rec. radio swap? I guess there is some
controversy of those wanting to sell equipment on this group.

Thanks,
Bill AF9B
bfletche@mail.state.wi.us

1929. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mie78$qsb@newsbf02.news.aol.com>
Source record: 201698

In article <4mhcg1$ck0@miwok.nbn.com>, Gary - KJ6Q <tech@thereporter.com>
writes:

>
>NOT to be "picky", Tom, but the Collins 30L1 uses 811-a's, not a 4cx1000,

>It was their 30 *S*1 that used the larger tube... YEAH, I know you knew
>that...
>
>I'm not perfect either...
>
>--
>Gary... KJ6Q...I am the NRA

Actually I made two typo's (or thoughtpo's) the 30L1/S1 thing and another
when I mentioned a "4CX1600" when I intended to say "3CX1500".

73 Tom

1930. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mie7p$qse@newsbf02.news.aol.com>
Source record: 201699

In article <4me2bm$r01@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>Considering that you've now made this claim several times, I'd
>like to hear an explanation as to how the transformer can filter
>audible, undesired harmonics without also attenuating desired
>signals at those same frequencies.

I take it (by the silence) that everyone is now in agreement with you
Jack, and that the clipping, flltering, and distortion issues are all
agreed upon, and that you were indeed correct from the very beginning.

Thanks for the nice info on speakers and music. You really know your
stuff.

73 Tom

1931. Re: opinion on Alinco DJ-582T and Yaesu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Greg Ottria <gottria@earthlink.net>
Message-ID: <318CBE7C.3E75@earthlink.net>
Source record: 201700
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

James Tuan wrote:
>
> I am selecting a dual band HT that transceives on 2m and 440MHZ. I am
> currently looking at Alinco DJ-582T and Yaesu FT-530. Does anyone have any
> comments/opinions on either of these radio? Also any suggestions on any other
> models are welcomed. Oh. if you don want to suggest another HT, the specs
> for it should be: 2m/440, CTCSS encode/decode, at least 2W output, DTMF. Also
> extended receive capablility is preferred.
>
> Thanks in advance,
> James.
>
> PS I have a Radio Shack HTX-202 now, should I sell it after I buy a new one?

You may want to check out the new Yaesu dual band 50R. It's very small in size,5w output, exellent audio, wide band coverage (76-200,200-540,590-999), mil-spec 810.

--

Greg Ottria
San Leandro, California
Amateur call KE6PTP
E-Mail gottria@earthlink.net

1932. FT712 RH mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4mifut$3mk@argentina.it.earthlink.net>
Source record: 201701

I have a FT712RH mobile and want to get any and ALL mods available...
I know there are some to open it up below 430 Mhz (which is what I want)

Email them to me or reply here...

Anyone with the Radio Mods book and has a copy can FAX the 712 mods to
my fax number..

409-760-7477 MARK ATTENTION to my name...

Tnx and 73

Chris

1933. Re: KISS mode HELP !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: rdonnell@mail.eskimo.com
Message-ID: <DqxsuG.Gs9@eskimo.com>
Source record: 201702
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Alex Lam <alexl@mpce.mq.edu.au> wrote:

>Hi all,
> I am trying to have two modems talking to each other. Just then,
>I have them talking with converse and transparent mode, but it didn't
>working for KISS mode. In fact, they lost connection when I put them
>into KISS mode.
> I realise that I will no longer have AX.25 in KISS, but
>I didn't expect they would lost connection !
> Can anyone help ? Are there special instructions required ?

> Your help will be very much appreciated. Thankyou.

You've got a misconception as to the function of KISS mode. The purpose of KISS is to provide a way for a computer and software to be able to manage the mechanics of the connection, with the TNC providing only a minimal level of intellegence. All the TNC does is:

1) accept packets from the host computer and send them on the air, while making sure the channel is clear before keying the radio.
2) receiving all packets on the channel that don't have errors and passing all of them to the computer for it to process.

So - to use KISS mode, you have to have software running in the computer that implements the layer 2 protocol you wish to use on the air (typically AX.25). It can also implement other protocol layers above 2 by wrapping those packets in the layer 2 protocol. This is what KA9Q NOS and its variants do.

So - to summarize, a TNC in KISS mode does not exhibit any significant level of intellegence - the reason KISS is available is for those who wish to have the computer perform link management activities - i.e. do all the work...

Hope this helps.

Regards, Bob

1934. REJECTED: Ham-Equip Digest V96 #339

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9605051533.AG00036@rtp41.rtp.dg.com>
Source record: 201703

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V96 #339
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 5 May 96 Volume 96 : Issue 339

Today's Topics:
100HZ Tone Generator info for repeater access?
Alinco 610 Mods
Alinco DJ-G5 Mods
BA1404 fm-stereo transmitter chip
ek895 or 896
For Sale
FS: ICOM 745 / ICOM Base Mic
Hamfest
HDTV
Help with JRL-2000F Linear
How can I adjust the LCD contrast of FT-51R ?
IC-Z1A Tx mod
ICOM AH-2 Info Please
Need Info. on Yaesu FT-900AT/FT-900CAT
Need info on Ameritron QSK-5
Need info on Yaesu FT-51R mods
Ranger 2950 for sale
Raytheon Raysistors (2 msgs)
The Rules??
Tone burst on HTX-212 ??
Wanted: Manual - Tektronix T922 Scope
Website for HyGain??
What's Going On Here, folks
Wide Band Rec HT's?
Yaesu FT-10
Yeasu programming cable

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 May 1996 04:08:33 GMT
From: af104@detroit.freenet.org (Jeffrey L. Bauman)
Subject: 100HZ Tone Generator info for repeater access?

Anyone seen any articles and/or circuits for a 100hz tone
generator I can use with some older 2 meter gear to access
some local repeaters?

Jeff
WB5KZW
Near Detroit
(810) 788-3210

Thanks!
--

Date: 4 May 1996 14:11:48 GMT
From: BSDS13A@prodigy.com (John Furlow)
Subject: Alinco 610 Mods

Does anyone know of any mods to open the rx freq range of the Alinco 610
Tnx John WA4BMG

Date: 3 May 1996 19:55:49 GMT
From: donb@direct.ca (Don Boekenkruger)
Subject: Alinco DJ-G5 Mods

In article <3183C9E1.78E7@garden.net>, bednark@garden.net says...
>
>Does anyone know where I can find mods for the above HT?
>I need these ASAP. Thanks in advance.

Yeah, open radio, cut blue wiure, put back together, reset.

>Kevin Bednar
>KB2YPU

Don Boekenkruger
donb@direct.ca

Date: 4 May 1996 20:53:14 GMT
From: jus@killn.time (D)

Subject: BA1404 fm-stereo transmitter chip

I am looking for anyone who might have an interest in
BA1404 through hole Stereo Transmitter Chips. I worked for this
company that was contracted to create a FM-stereo transmitter for
oanother company that was using it for commercial use. I helped
design a board and had it FCC approved through Bell Labs.
After ordering 1000 units the company was satisfied yet
their need was fulfilled. I had anticipated 2000 units and ordered
an extra 1000 IC's since the manufacturer back-ordered 5000 for
6 months.
I now have 1000 BA1404 chips to sell if anyone is interested.
I also have 100 crystals and varialbe inductors for the FCC approved
design. If you or anyone you know would be interested please let me
know. I will also give schematics if desired.

dc@interaccess.com
Doug

P.S. I would like to sell them as 1 package but will consider breaking
them up in quantity.

Date: 4 May 1996 22:27:39 GMT
From: 71033.1526@compuserve.com (Valentino Zardi)
Subject: ek895 or 896

Does anyone have any direct experience with the R&S 895 or 896
receivers? I am interested in views on use of the AGC and digital
threshold settings. Thanks.

Val

Date: Sat, 4 May 1996 05:08:50 GMT
From: jerry.boyd@ctobbs.com (Jerry Boyd)
Subject: For Sale

The following, in excellent condition, are for sale. Prices are firm
plus shipping (which should be minimal)

JPS NIR-10 DSP/Noise reduction filter $100.00

MFJ 482B CW Memory Keyer 30.00

Jerry
KG6LF
(510) 372-0246
or
JBOYD@CTOBBS.COM

Date: 4 May 1996 18:02:54 GMT
From: jcre@rmii.com (Jerry Faughn)
Subject: FS: ICOM 745 / ICOM Base Mic

For Sale: Used ICOM 745 with ICOM Base MIC. Excellent condition, box,
manual,
power cord and new ICOM Base Mic. $800.00

You pay shipping / this one will go quick!

E-Mail: jcre@rmii.com

Jerry Faughn
Owner, JCRE
Colorado

Date: 4 May 1996 10:32:29 -0400
From: rh3333@aol.com (RH3333)
Subject: Hamfest

May 17-19

Date: Sun, 05 May 1996 01:30:18 +0100
From: Ray Tang <Ray@ardprest.demon.co.uk>
Subject: HDTV

Can some-one please assist me???
I need to do a short presentation on how HDTV works!!!
I know i've left it too late. Can anyone help?
Ps. I Know little or nothing!
Thanks

Date: Sat, 04 May 96 14:27:30 GMT
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Subject: Help with JRL-2000F Linear

In article <830876447snz@microvst.demon.co.uk>
tgold@microvst.demon.co.uk "Anthony R. Gold" writes:

> Can anyone tell me the mod that allows JRC's JRL-2000F to operate on
10m?

This matter is now successfully resolved.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com

tgold@microvst.demon.co.uk
packet:
g3skr@n0ary.#nocal.ca.usa.na

Date: 27 Apr 1996 12:12:22 GMT
From: pwmarina@shore.net (Mike Mentuck)
Subject: How can I adjust the LCD contrast of FT-51R ?

In article <3180EBC8.6967@itsd.gcn.gov.hk>, itsa11@itsd.gcn.gov.hk
says...
>
>How ?
I had a problem with my 51r - the contrast was getting pretty bad, and
some of
the LCD segments were unreadable in the cold. I sent it back to Yaesu,
and
they replaced the display. Now it works just fine, although when it's
dark,
and the backlight is on, it's best when looking straight on.

Good luck w/ you unit.

Date: Fri, 03 May 1996 14:43:38 -0400
From: Scott Mosher <smosher@pobox.com>
Subject: IC-Z1A Tx mod

I tried to do the mod (a simple removal of one diode), but when I opened

up the set, I couldn't find any part of the PC board that resembled the
artsci diagram that I have -- has anyone seen/done this mod that can
give some assistance, it'd be much appreciated. Email responses
preferred, but since some others might have the same problems, maybe
posting here might be a better idea!

Thanx
--
****
Scott Mosher |
Technical Support | Peace through
Cybersmith, Inc. | superior firepower!
smosher@pobox.com KB2YUC |
****

Date: 27 Apr 1996 08:08:21 -0400
From: billn9hh@aol.com (BillN9HH)
Subject: ICOM AH-2 Info Please

I don't know if they are identical internally, but functionally, the
AH-2
and AH-3 tuners are equivalent. The AH-2 has an external controller
that
connects to the rigs computer interface and ALC lines for control while
band changing and tuning up. This interface is used with rigs such as

the
IC735. Most newer ICOM (IC737, etc) rigs have the ability to control
the
tuner directly thru a four pin molex connector that matches the one on
the
AH-2. I'm using an AH-2 with a 737 and it works just fine. When the
AH-2
is plugged in, the 737's internal tuner is disabled.

Have not tried it, but think you could go ahead and use the external
controller with these newer rigs, in which case any internal antenna
tuner
would still function, giving and even wider matching range.

I don't think extending the control cable a reasonable amount would be a
problem.

Date: 3 May 1996 05:25:12 GMT
From: frediam@mcs.com (Fred)
Subject: Need Info. on Yaesu FT-900AT/FT-900CAT

I am thinking of buying a Yaesu FT-900AT for mobile use. Anyone have
any comments on
using this radio in the car? How about the FT-900CAT? This a new
version with a
Collins mechanical filter installed. CAT costs $150-$200 more. Any
thoughts on
whether or not the mechanical filter is worth the added price?

I'm also trying to identify a relatively low profile mobile HF antenna
to put on a
company car which already has a vhf/uhf dual band antenna on it. Any
thoughts?

Thanks in advance for any comments.

de Fred (N9LUR)

Date: Fri, 3 May 1996 18:51:10 GMT
From: n4lq@iglou.com (Steve Ellington)
Subject: Need info on Ameritron QSK-5

Does anyone know anything about the QSK-5 adapter?

Does it have a seperate receiver output which goes to the aux
receiving antenna on the transceiver?

Why would it get hot and require fan for higher power? Does it consume
a certain amount of RF power?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

Date: 3 May 1996 18:56:42 GMT
From: lhebert@premier.net (HAL9000)
Subject: Need info on Yaesu FT-51R mods

Need any info regarding modifications to the FT-51R, i.e. frequency capability expansion, etc. Any and all info would be GREATLY appreciated!

Thanks in advance!
Lloyd
KB5TQE

Date: 2 May 96 19:51:35
From: steve.lee@nashville.com (Steve Lee)
Subject: Ranger 2950 for sale

For sale: Ranger 2950. Excellent condition.
Please e-mail.

Thanks,
Steve

Date: Sat, 04 May 1996 18:45:31 -0700
From: Bob Ludlum <brlpe@worldnet.att.net>
Subject: Raytheon Raysistors

If I remember correctly from a few years back, the raysistor was a package containing an incandescent lamp and a photocell (cadmium sulfide

I think). The resistance of the photocell changes in proportion to the amount of light coming from the lamp so it's an optically coupled, current controlled variable resistor. It was used in such applications as remotely controlled gain controls and as the gain control
element in automatic gain control circuits. If you're interested in specs
I may still have a data sheet filed away at work (I try hard never to throw anything away!).

Bob

Date: Sat, 04 May 1996 19:16:22
From: DMedley@gnn.com (David MEDLEY)
Subject: Raytheon Raysistors

Does anyone know what these things are (were)? I have some with
types such as CK1101 and CK1114. Is anyone interested in them
perhaps as collectors items? They are quite old I am sure.
Please e-mail me at dmedley@gnn.com

David Medley

Date: Sat, 04 May 1996 16:22:02 -0700
From: Jim Dunne <jim-g0upg@lds.co.uk>
Subject: The Rules??

Hi Bill
I agree with you......as long as it ham radio equipment, for sale
wanted for swap or whatever, post it here.
I have requested manuals and other info here, and got it.........

73 de Jim

Date: Sun, 05 May 1996 10:54:58 +0200
From: Wilco de Bree <wilcodeb@xs4all.nl>
Subject: Tone burst on HTX-212 ??

The tone-burst of 1750Hz is to open a repeater in the Netherlands.
--
Wilco de Bree

==========
http://www.xs4all.nl/~wilcodeb/
==========

Date: Sun, 5 May 1996 02:03:21 GMT
From: rmwatson@eskimo.com (Robert Watson)
Subject: Wanted: Manual - Tektronix T922 Scope

Hello;

I recently picked up a Tektronix T922 dual-trace oscilloscope, and am
looking for either an original or copy of the manual. It anybody has one
available, and would be willing to provide me with the original (or
copy),
I would appreciate it. I will pay reasonable costs, including the
mailing.

Thanks much,

Robert/KJ7BO
rmwatson@eskimo.com

Date: Sat, 04 May 1996 20:45:51 GMT
From: dougd@lrbcg.com (KC8CGX)
Subject: Website for HyGain??

darryl.linkow@grinder.com (DARRYL LINKOW) wrote:

>Anyone know of a website for HyGain antennas? If so, would they
>please post here or Email me? Thank you and 73,
> Darryl KE6IHA

>---
> * OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PDT

Antennacraft Co.
Burlington, IA 52601 USA
319-754-7575

Amplifiers, Antennas & Accessories.

_____
North Central Ohio Skywarn Info
http://www.amnorth.com/redbone/skywarn.html
http://www.amnorth.com/redbone/ham-page.html
http://lrbcg.com/dougd/antenna.htm

Date: 4 May 1996 23:35:56 -0400
From: nobody@mockingbird.alias.net (Anonymous)
Subject: What's Going On Here, folks

bobw@col.hp.com (Bob Witte) writes:

>The other thing that's going on is that some folks don't politely
> inform, they flame away. Sorry about that.

No one has been flamed. Mr. Burger only sent a copy of the FAQ.

Date: 1 May 1996 18:21:41 GMT
From: rtw@fuwutai.att.com (Rob Whitacre)
Subject: Wide Band Rec HT's?

In article <3183BF70.1EF9@mail.rust.net>, billc@mail.rust.net says...
>
>Can someone please provide a list of HT's that have WIDE band receive,
>including the 800-MHz. band?
>
>Thanks, Bill Crocker

You can start with the Yaesu FT-50 you just got rid of.....

Rob WB8WQA

Date: Sat, 04 May 1996 10:30:45 -0700
From: TJM <74032.172@compuserve.com>
Subject: Yaesu FT-10

Looking for other FT-10 users/owners...

Anyone else have a problem where the battery drains out while unit
is turned off?? My first FT-10 would now and then drain a fully charged

battery over a 24 hr period even tho off, a current drain shows if
tested (like radio is still on).

New radio replaced.. serial # off by one and same problem now occuring
again.

Production problem??? Anyone else ???

Tks Tjm

Date: 4 May 1996 17:13:18 GMT
From: telmnstr@norfolk.infi.net (Tele Monster)
Subject: Yeasu programming cable

I was wondering if anyone has the schematics for the yeasu programming
cable for the business radios? I *BELIEVE* it is the same cable used for

the HT's and what not. Just has a RJ-45 connector to Serial connector.
We purchased them at the Ohio hamfest.

I have a 3rd party software package that supports the radio, but Yeasu
doesn't want to sell the cable without their software.

Ethan

End of Ham-Equip Digest V96 #339
****

1935. general transmit for yaesu650 mod wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Mark DePaepe <Mdepaepe@postoffice.worldnet.att.net>
Message-ID: <4minn9$eee@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 201704

anyone know how to make the yeasu 650 general transmt?

1936. Re: 100HZ Tone Generator info for repeater access?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: Dave Maciorowski <wa1jhk@ix.netcom.com>
Message-ID: <4mibgg$iru@dfw-ixnews7.ix.netcom.com>
Source record: 201705

af104@detroit.freenet.org (Jeffrey L. Bauman) wrote:
>
>Anyone seen any articles and/or circuits for a 100hz tone
>generator I can use with some older 2 meter gear to access
>some local repeaters?
>
>Jeff
>WB5KZW
>Near Detroit
>(810) 788-3210
>
>Thanks!
>--

I'd go down to the radio store and get a Communications Specialists SS-32 encode-only CTCSS encoder. The frequencies are dip-switch selectable.

I have built my own CTCSS encoders in the past, but the 1% resistors are usually hard to track down -- stability of CTCSS tones if VERY important because they should be accurate and stable to a tenth of a Hertz, 100.0 Hz in your case.

Dave Maciorowski, WA1JHK
Colorado Repeater Association, Inc.
Serving Colorado with Voice and Data, 6-Meters to 1.2 Gig

Internet: wa1jhk@ix.netcom.com or wa1jhk@amsat.org
CRA: http://www.rmsd.com/hamradio/cra/

1937. Re: Ten-Tec Transvertor Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: jmg@tntech.edu
Message-ID: <1996May5.132224.20880@atlas.tntech.edu>
Source record: 201706

In article <4m5h9g$rqr@news.dx.net>, dougd@lrbcg.com (Doug D) writes:
> Has anyone ever built the 6 meter transvertor kit from
> Ten-Tec? Or any of their kits?
> Also need suggestions for a good tribander antenna for 2, 6,
> 70.
>
> Doug

I built the 2 meter transceiver. It is a very high quality kit,
the rig looks and works extremely well, I believe the review will
appear not too long from now in 73 mag.

73
Jeff, ac4hf

1938. Re: Help with HT-202 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: bowman@montana.com
Message-ID: <4miqhm$seg@maw.montana.com>
Source record: 201707

In article <729.6698T808T2709@nycmetro.com>, midgard@nycmetro.com (SARUMAN) says:
>What I'm trying to figure now is when in M-VFo mode and I hit M-Set and
>run thru the menu items I get to set a bunch of things such as:
>
>oS (which I figured out is the Repeater offset)
>Ar touch tone auto reply on/off
>Lb priority channel lookback time
>To transmit timeout
>tE transmit inhibit
>P5 power save duty cycle
>ud vacant channel scan direction
>S2 upper scan limit
>S1 lower scan limit
>5d scan delay time
>Sc scan resume
>Sr frequency step
>rc (which I figured out is PLL decode)
>tc (PLL to Tx)

1939. HELP MFJ1278B and SSTV

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <318D0B60.251A@concentric.net>
Source record: 201708

I have the MFJ1278B and thier old software that is junk.
I would like to rx/tx pictures with more than 16 colors
is there better software available? or maybe a driver for
JVFAX?

ANY HELP? N9ZLE

1940. G4NJH Pages

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <318cf034.5975781@news.innotts.co.uk>
Source record: 201709

The local server programme which processes forms has thrown a wobbly
this weekend, so if I've missed anyone's messages, please be patient.

http://www.innotts.co.uk/~asperges/

The pages are still functioning fine however and have been recently
updated. If you haven't visited yet, do please drop by.

73 de
Jeremy G4NJH
asperges@innotts.co.uk
[Am Radio, SWL pages: http://www.innotts.co.uk/~asperges/]

1941. Re: general transmit for yaesu650 mod wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: "James R.Hussey" <jhussey@capecod.net>
Message-ID: <318D1C02.1BFF@capecod.net>
Source record: 201710

Mark DePaepe wrote:
>
> anyone know how to make the yeasu 650 general transmt?on the web check out
http://user.itl.net/~equinox/
all the mods for all kinds of rigs

1942. REJECTED: Ham-Equip Digest V96 #340

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-05 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9605051909.AB00035@rtp41.rtp.dg.com>
Source record: 201711

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V96 #340
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 5 May 96 Volume 96 : Issue 340

Today's Topics:
AM RADIO LOG
FS: Bird 8325 500W 30 dB Type N attenuator
FS: NOS 6GE5 tubes
FS: TS-450SAT Plus Stuff
FT-50 cellular
HELP.. Alinco DJ-G1T and DR-150T
How much is a TS 520-S worth?
Icom 775 problem and fix
Icom RS232 to TTL Help
intermod vs overload
Out of Band Modifications for Radio Shack HTX-212
QST conflict of interest Again!
REJECTED: Ham-Equip Digest V96 #339
Tone burst on HTX-212 ??
Wide Band Rec HT's?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 04 May 96 13:08:00 -0400
From: roland.stiner@hobbs.com (ROLAND STINER)
Subject: AM RADIO LOG

To: ALL
Subject: AM RADIO LOG

Can someone tell me who distributes the AM Radio Log (book which lists
all AM Broadcast Stations?)

OLX 1.53 --------------> 73, de NK2U <----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

.....ooooo0OOOOo http://www.intac.com/~cono
__,-----. ---+_________#_ The Roy Hobbs BBS sysop@hobbs.com
|________| |__|___________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

Date: 3 May 1996 04:14:29 GMT
From: murrayl@cs.hope.edu (Murray Leshner)
Subject: FS: Bird 8325 500W 30 dB Type N attenuator

For Sale:

Bird 8325 30 dB 500W oil filled RF attenuator, N connectors in/out, 28#
shipping.

Make offer? New one is $1125, not sure what they go for used.

--
MurrayL@macatawa.org

Date: 3 May 1996 04:12:52 GMT
From: murrayl@cs.hope.edu (Murray Leshner)
Subject: FS: NOS 6GE5 tubes

GE NOS 6GE5 tubes

$5 each + shipping

--
MurrayL@macatawa.org

Date: Sun, 05 May 1996 02:03:41 GMT
From: tenorman@i1.net
Subject: FS: TS-450SAT Plus Stuff

For Sale: Kenwood TS-450SAT - 160-10 Meter All Mode transceiver with
built in antenna tuner. Absolute perfect shape. Very little use!!!
Includes Astatic D-104 desk mic, and Timewave Tech. DSP9 digital
signal processor with latest ROM, and RS232 interface (home brew).
Asking $1200.00 for all or best offer. Please email tenorman@i1.net
or call Mike at 314-235-8012 days or 314-428-4849 evenings. 73 - WQ0N

Date: 3 May 1996 18:00:03 GMT
From: Jeff Goldman <75162.2371@CompuServe.COM>
Subject: FT-50 cellular

Huh? The images are 90.2MHz HIGHER than the fundamentals, so you'd hear
full strength signals in the 959-984MHz area.

Date: 3 May 1996 02:49:52 GMT
From: cfii <cfii@msn.com>
Subject: HELP.. Alinco DJ-G1T and DR-150T

jsjacobs@freenet.columbus.oh.us (John Jacobs) writes:
>
> Does anybody have the Rx and/or Tx mods for the alinco dr-150t and/or the
> dj-g1t? Please e-mail me if you can help.
>
> Thank you,
> John
>
> --
>
> John S. Jacobs
> jsjacobs@freenet.columbus.oh.us

Me too, on the DR-150.

TIA,
cfii@msn.com
marks@michweb.net

Date: 5 May 96 15:25:00 GMT
From: BFletche@mail.state.wi.US (Fletcher, Bill J)
Subject: How much is a TS 520-S worth?

Does anyone have an idea how much a Kenwood TS 520-S is worth these days? .
I am thinking of selling mine but I have not made up my mind on this. I
tried getting an answer out of AES, in Milwaukee, but no response.

BTW, how does a person subscribe rec. radio swap? I guess there is some
controversy of those wanting to sell equipment on this group.

Thanks,
Bill AF9B
bfletche@mail.state.wi.us

Date: Sun, 05 May 1996 03:14:07 -0700
From: Dave Bernstein <dhb@rational.com>
Subject: Icom 775 problem and fix

While attempting to break an 80m cw pileup with the DX working split, a local DXer asked me via packetcluster to kindly stop transmitting on the DX's frequency. While operating my new 775 was not yet second nature, I was sure I had the radio was in split mode, and quickly verified that to be the case. Later experiments revealed the problem - in split mode, the 775 was transmitting on the "receive" vfo as well as the "transmit" vfo, about 30-40 db down.

I called Icom Service the next morning and was told that this was known problem suffered by some but not all 775s; they refer to it as the "receive interaction problem". HRO, where I bought the radio, expeditiously returned my 775 to Icom Service, and the radio was back in my shack in ten days - with no more receive interaction.

If you've got a 775, you might ask a friend to check your receive frequency while you transmit in split mode. Your fellow DXers with thank you...

Dave
AA6YQ
dhb@rational.com

Date: Sun, 05 May 1996 02:50:32 -0700
From: Dave Bernstein <dhb@rational.com>
Subject: Icom RS232 to TTL Help

The QST circuit works fine - bidirectionally - with both my 735 and 775. Sounds like you've got a bad part, a miswire, or perhaps a defective radio. A scope would allow you to quickly isolate the culprit.

Dave
AA6YQ
dhb@rational.com

Date: 2 May 1996 23:21:35 -0400
From: parf@aol.com (Parf)
Subject: intermod vs overload

May seem like a small point but I believe that m+n= intermod order should perhaps be |m|+|n| because as stated m and n may assume + or - signs.

Dale WA2YPY

Date: Sat, 04 May 1996 23:29:08 -0500
From: "John P. Scheiwe" <jscheiwe@tima.com>
Subject: Out of Band Modifications for Radio Shack HTX-212

I am looking for the modifications for a Radio Shack HTX-212 that will allow it to transmit out of band. I am
hoping to be able to use this radio for RACES work. Any assistance is

appreciated.

John Scheiwe - KB9LTI
Bedford, IN
jscheiwe@tima.com

Date: 5 May 1996 04:57:37 GMT
From: Gary - KJ6Q <tech@thereporter.com>
Subject: QST conflict of interest Again!

NOT to be "picky", Tom, but the Collins 30L1 uses 811-a's, not a 4cx1000,
It was their 30 *S*1 that used the larger tube... YEAH, I know you knew
that...

I'm not perfect either...

--
Gary... KJ6Q...I am the NRA

Date: 5 May 96 09:30:22 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V96 #339

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V96 #339
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 5 May 96 Volume 96 : Issue 339

Today's Topics:
100HZ Tone Generator info for repeater access?
Alinco 610 Mods
Alinco DJ-G5 Mods
BA1404 fm-stereo transmitter chip
ek895 or 896
For Sale
FS: ICOM 745 / ICOM Base Mic
Hamfest
HDTV
Help with JRL-2000F Linear
How can I adjust the LCD contrast of FT-51R ?
IC-Z1A Tx mod

ICOM AH-2 Info Please
Need Info. on Yaesu FT-900AT/FT-900CAT
Need info on Ameritron QSK-5
Need info on Yaesu FT-51R mods
Ranger 2950 for sale
Raytheon Raysistors (2 msgs)
The Rules??
Tone burst on HTX-212 ??
Wanted: Manual - Tektronix T922 Scope
Website for HyGain??
What's Going On Here, folks
Wide Band Rec HT's?
Yaesu FT-10
Yeasu programming cable

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 5 May 1996 04:08:33 GMT
From: af104@detroit.freenet.org (Jeffrey L. Bauman)
Subject: 100HZ Tone Generator info for repeater access?

Anyone seen any articles and/or circuits for a 100hz tone
generator I can use with some older 2 meter gear to access
some local repeaters?

Jeff
WB5KZW
Near Detroit
(810) 788-3210

Thanks!
--

Date: 4 May 1996 14:11:48 GMT
From: BSDS13A@prodigy.com (John Furlow)
Subject: Alinco 610 Mods

Does anyone know of any mods to open the rx freq range of the Alinco 610
Tnx John WA4BMG

Date: 3 May 1996 19:55:49 GMT
From: donb@direct.ca (Don Boekenkruger)
Subject: Alinco DJ-G5 Mods

In article <3183C9E1.78E7@garden.net>, bednark@garden.net says...
>
>Does anyone know where I can find mods for the above HT?
>I need these ASAP. Thanks in advance.

Yeah, open radio, cut blue wiure, put back together, reset.

>Kevin Bednar
>KB2YPU

Don Boekenkruger
donb@direct.ca

Date: 4 May 1996 20:53:14 GMT
From: jus@killn.time (D)
Subject: BA1404 fm-stereo transmitter chip

I am looking for anyone who might have an interest in
BA1404 through hole Stereo Transmitter Chips. I worked for this
company that was contracted to create a FM-stereo transmitter for
oanother company that was using it for commercial use. I helped
design a board and had it FCC approved through Bell Labs.
After ordering 1000 units the company was satisfied yet
their need was fulfilled. I had anticipated 2000 units and ordered
an extra 1000 IC's since the manufacturer back-ordered 5000 for
6 months.
I now have 1000 BA1404 chips to sell if anyone is interested.
I also have 100 crystals and varialbe inductors for the FCC approved
design. If you or anyone you know would be interested please let me
know. I will also give schematics if desired.

dc@interaccess.com
Doug

P.S. I would like to sell them as 1 package but will consider breaking
them up in quantity.

Date: 4 May 1996 22:27:39 GMT
From: 71033.1526@compuserve.com (Valentino Zardi)
Subject: ek895 or 896

Does anyone have any direct experience with the R&S 895 or 896
receivers? I am interested in views on use of the AGC and digital
threshold settings. Thanks.

Val

Date: Sat, 4 May 1996 05:08:50 GMT
From: jerry.boyd@ctobbs.com (Jerry Boyd)
Subject: For Sale

The following, in excellent condition, are for sale. Prices are firm
plus shipping (which should be minimal)

JPS NIR-10 DSP/Noise reduction filter $100.00

MFJ 482B CW Memory Keyer 30.00

Jerry
KG6LF
(510) 372-0246
or
JBOYD@CTOBBS.COM

Date: 4 May 1996 18:02:54 GMT
From: jcre@rmii.com (Jerry Faughn)
Subject: FS: ICOM 745 / ICOM Base Mic

For Sale: Used ICOM 745 with ICOM Base MIC. Excellent condition, box,
manual,
power cord and new ICOM Base Mic. $800.00

You pay shipping / this one will go quick!

E-Mail: jcre@rmii.com

Jerry Faughn
Owner, JCRE
Colorado

Date: 4 May 1996 10:32:29 -0400
From: rh3333@aol.com (RH3333)
Subject: Hamfest

May 17-19

Date: Sun, 05 May 1996 01:30:18 +0100
From: Ray Tang <Ray@ardprest.demon.co.uk>
Subject: HDTV

Can some-one please assist me???
I need to do a short presentation on how HDTV works!!!
I know i've left it too late. Can anyone help?
Ps. I Know little or nothing!
Thanks

Date: Sat, 04 May 96 14:27:30 GMT
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Subject: Help with JRL-2000F Linear

In article <830876447snz@microvst.demon.co.uk>
tgold@microvst.demon.co.uk "Anthony R. Gold" writes:

> Can anyone tell me the mod that allows JRC's JRL-2000F to operate on
10m?

This matter is now successfully resolved.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com

tgold@microvst.demon.co.uk
packet:
g3skr@n0ary.#nocal.ca.usa.na

Date: 27 Apr 1996 12:12:22 GMT
From: pwmarina@shore.net (Mike Mentuck)
Subject: How can I adjust the LCD contrast of FT-51R ?

In article <3180EBC8.6967@itsd.gcn.gov.hk>, itsa11@itsd.gcn.gov.hk
says...
>
>How ?
I had a problem with my 51r - the contrast was getting pretty bad, and
some of
the LCD segments were unreadable in the cold. I sent it back to Yaesu,
and
they replaced the display. Now it works just fine, although when it's
dark,
and the backlight is on, it's best when looking straight on.

Good luck w/ you unit.

Date: Fri, 03 May 1996 14:43:38 -0400
From: Scott Mosher <smosher@pobox.com>
Subject: IC-Z1A Tx mod

I tried to do the mod (a simple removal of one diode), but when I opened

up the set, I couldn't find any part of the PC board that resembled the
artsci diagram that I have -- has anyone seen/done this mod that can
give some assistance, it'd be much appreciated. Email responses
preferred, but since some others might have the same problems, maybe
posting here might be a better idea!

Thanx
--

****
Scott Mosher |
Technical Support | Peace through
Cybersmith, Inc. | superior firepower!
smosher@pobox.com KB2YUC |
****

Date: 27 Apr 1996 08:08:21 -0400
From: billn9hh@aol.com (BillN9HH)
Subject: ICOM AH-2 Info Please

I don't know if they are identical internally, but functionally, the AH-2
and AH-3 tuners are equivalent. The AH-2 has an external controller that
connects to the rigs computer interface and ALC lines for control while
band changing and tuning up. This interface is used with rigs such as the
IC735. Most newer ICOM (IC737, etc) rigs have the ability to control the
tuner directly thru a four pin molex connector that matches the one on the
AH-2. I'm using an AH-2 with a 737 and it works just fine. When the AH-2
is plugged in, the 737's internal tuner is disabled.

Have not tried it, but think you could go ahead and use the external
controller with these newer rigs, in which case any internal antenna tuner
would still function, giving and even wider matching range.

I don't think extending the control cable a reasonable amount would be a
problem.

Date: 3 May 1996 05:25:12 GMT
From: frediam@mcs.com (Fred)
Subject: Need Info. on Yaesu FT-900AT/FT-900CAT

I am thinking of buying a Yaesu FT-900AT for mobile use. Anyone have
any comments on
using this radio in the car? How about the FT-900CAT? This a new
version with a
Collins mechanical filter installed. CAT costs $150-$200 more. Any
thoughts on
whether or not the mechanical filter is worth the added price?

I'm also trying to identify a relatively low profile mobile HF antenna
to put on a
company car which already has a vhf/uhf dual band antenna on it. Any

thoughts?

Thanks in advance for any comments.

de Fred (N9LUR)

Date: Fri, 3 May 1996 18:51:10 GMT
From: n4lq@iglou.com (Steve Ellington)
Subject: Need info on Ameritron QSK-5

Does anyone know anything about the QSK-5 adapter?

Does it have a seperate receiver output which goes to the aux
receiving antenna on the transceiver?

Why would it get hot and require fan for higher power? Does it consume
a certain amount of RF power?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

Date: 3 May 1996 18:56:42 GMT
From: lhebert@premier.net (HAL9000)
Subject: Need info on Yaesu FT-51R mods

Need any info regarding modifications to the FT-51R, i.e. frequency
capability expansion, etc. Any and all info would be GREATLY
appreciated!

Thanks in advance!
Lloyd
KB5TQE

Date: 2 May 96 19:51:35
From: steve.lee@nashville.com (Steve Lee)
Subject: Ranger 2950 for sale

For sale: Ranger 2950. Excellent condition.
Please e-mail.

Thanks,
Steve

Date: Sat, 04 May 1996 18:45:31 -0700
From: Bob Ludlum <brlpe@worldnet.att.net>
Subject: Raytheon Raysistors

If I remember correctly from a few years back, the raysistor was a
package containing an incandescent lamp and a photocell (cadmium sulfide

I think). The resistance of the photocell changes in proportion to the
amount of light coming from the lamp so it's an optically
coupled, current controlled variable resistor. It was used in such
applications as remotely controlled gain controls and as the gain
control
element in automatic gain control circuits. If you're interested in
specs
I may still have a data sheet filed away at work (I try hard never to
throw anything away!).

Bob

Date: Sat, 04 May 1996 19:16:22
From: DMedley@gnn.com (David MEDLEY)
Subject: Raytheon Raysistors

Does anyone know what these things are (were)? I have some with
types such as CK1101 and CK1114. Is anyone interested in them
perhaps as collectors items? They are quite old I am sure.
Please e-mail me at dmedley@gnn.com

David Medley

Date: Sat, 04 May 1996 16:22:02 -0700
From: Jim Dunne <jim-g0upg@lds.co.uk>
Subject: The Rules??

Hi Bill
I agree with you......as long as it ham radio equipment, for sale
wanted for swap or whatever, post it here.
I have requested manuals and other info here, and got it.........

73 de Jim

Date: Sun, 05 May 1996 10:54:58 +0200
From: Wilco de Bree <wilcodeb@xs4all.nl>
Subject: Tone burst on HTX-212 ??

The tone-burst of 1750Hz is to open a repeater in the Netherlands.
--
Wilco de Bree

==========
http://www.xs4all.nl/~wilcodeb/
==========

Date: Sun, 5 May 1996 02:03:21 GMT
From: rmwatson@eskimo.com (Robert Watson)
Subject: Wanted: Manual - Tektronix T922 Scope

Hello;

I recently picked up a Tektronix T922 dual-trace oscilloscope, and am looking for either an original or copy of the manual. It anybody has one available, and would be willing to provide me with the original (or copy),
I would appreciate it. I will pay reasonable costs, including the mailing.

Thanks much,

Robert/KJ7BO
rmwatson@eskimo.com

Date: Sat, 04 May 1996 20:45:51 GMT
From: dougd@lrbcg.com (KC8CGX)
Subject: Website for HyGain??

darryl.linkow@grinder.com (DARRYL LINKOW) wrote:

>Anyone know of a website for HyGain antennas? If so, would they
>please post here or Email me? Thank you and 73,
> Darryl KE6IHA

>---
> * OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PDT

Antennacraft Co.
Burlington, IA 52601 USA
319-754-7575

Amplifiers, Antennas & Accessories.

_____
North Central Ohio Skywarn Info
http://www.amnorth.com/redbone/skywarn.html
http://www.amnorth.com/redbone/ham-page.html
http://lrbcg.com/dougd/antenna.htm

Date: 4 May 1996 23:35:56 -0400
From: nobody@mockingbird.alias.net (Anonymous)
Subject: What's Going On Here, folks

bobw@col.hp.com (Bob Witte) writes:

>The other thing that's going on is that some folks don't politely
> inform, they flame away. Sorry about that.

No one has been flamed. Mr. Burger only sent a copy of the FAQ.

Date: 1 May 1996 18:21:41 GMT
From: rtw@fuwutai.att.com (Rob Whitacre)
Subject: Wide Band Rec HT's?

In article <3183BF70.1EF9@mail.rust.net>, billc@mail.rust.net says...
>
>Can someone please provide a list of HT's that have WIDE band receive,
>including the 800-MHz. band?
>
>Thanks, Bill Crocker

You can start with the Yaesu FT-50 you just got rid of.....

Rob WB8WQA

Date: Sat, 04 May 1996 10:30:45 -0700
From: TJM <74032.172@compuserve.com>
Subject: Yaesu FT-10

Looking for other FT-10 users/owners...

Anyone else have a problem where the battery drains out while unit
is turned off?? My first FT-10 would now and then drain a fully charged

battery over a 24 hr period even tho off, a current drain shows if
tested (like radio is still on).

New radio replaced.. serial # off by one and same problem now occuring
again.

Production problem??? Anyone else ???

Tks Tjm

Date: 4 May 1996 17:13:18 GMT
From: telmnstr@norfolk.infi.net (Tele Monster)
Subject: Yeasu programming cable

I was wondering if anyone has the schematics for the yeasu programming
cable for the business radios? I *BELIEVE* it is the same cable used for

the HT's and what not. Just has a RJ-45 connector to Serial connector.
We purchased them at the Ohio hamfest.

I have a 3rd party software package that supports the radio, but Yeasu
doesn't want to sell the cable without their software.

Ethan

End of Ham-Equip Digest V96 #339
****

Date: Sat, 04 May 96 09:42:19 PDT
From: rs@ham.island.net
Subject: Tone burst on HTX-212 ??

Wilco de Bree <wilcodeb@xs4all.nl> writes:

> Does anyone can tell me if the HTX-212 FM transceiver has a tone-burst of
175
> --
> Wilco de Bree, The Neherlands

No, it does not. It can transmit a full range of CTCSS tones, but has no
provision for 1750 Hz toneburst.

rs@ham.island.net __|
Robert Smits _/. |\
(VE7HS) CQ CQ CQ !!! < (0)
_ /__ |
( ) <_______/
\ \/ __

Date: 3 May 1996 02:51:50 GMT
From: cfii <cfii@msn.com>
Subject: Wide Band Rec HT's?

Bill Crocker <billc@mail.rust.net> writes:
> Rob Whitacre wrote:
> >
> > In article <3183BF70.1EF9@mail.rust.net>, billc@mail.rust.net says...
> > >
> > >Can someone please provide a list of HT's that have WIDE band receive,
> > >including the 800-MHz. band?
> > >
> > >Thanks, Bill Crocker
> >
> > You can start with the Yaesu FT-50 you just got rid of.....
>
>
> Rob:
>
> I was fully aware of that. It wasn't the cellular reception I was
concerned
> with. It was the FT-50R's inability to function in the WFM mode that it
claimed
> to have, but didn't. I wanted to use it for commercial FM broadcast, and
T.V.
> sound, which it can receive, but it sounds like garbage due to the

not-wide-enough
> WFM mode.
>
> It's too bad. Other than that, it is a super radio.
>
> Bill Crocker

My Icom IC-2SRA does ok (I work for a TV station, so I too use that WBFM function).

End of Ham-Equip Digest V96 #340
****

1943. Help with HT-202 1/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <684_9605061502@woodybbs.com>
Source record: 201462

```
>>Lastly anyone have a manual for the HT-202 they'd be willing to Copy
>>for me?

REALISTIC HTX-202 Summary of Button Functions

A/LOCK/CA
PTT + A.........Transmit DTMF A............................page 33
F + LOCK........Keyboard lock..............................page 19
CA..............Calling memory.............................page 20

B/P-SC/PR
PTT + B.........Transmit DTMF B............................page 33
F + P-SC........Priority scan..............................page 22
PR..............Priority memories..........................page 22

C/M-WR/MR
PTT + C.........Transmit DTMF C............................page 33
F + W-MR........Memory write...............................pages 20-23
MR..............Standard memories..........................page 23

D/M->VFO/VF/CLR
PTT + D.........Transmit DTMF D. Follow with 1-5 to
send a DTMF sequence.......................pages 33 & 34
F + M->VFO......Write memory to VFO........................pages 20-23
VF..............VFO mode....................................page 16
CLR.............Clear partially entered freq in VFO mode...page 16

1/T-SQL
PTT + 1.........Transmit DTMF 1............................page 33
PTT + T-SQL.....Tone squelch...............................page 28
1...............In Standard Memory mode, first digit of
selecting memory 10, 11, or 12.............page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 1..................page 22

4/D-SQL
PTT + 4.........Transmit DTMF 4............................page 33
F + D-SQL.......DTMF-squelch...............................page 34
4...............In Standard Memory mode, select Memory 4...page 23
In VFO mode, enter a frequency.............page 16

7/SAVE
PTT + 7.........Transmit DTMF 7............................page 33
F + SAVE........Power save option..........................page 31
7...............In Standard Memory mode, select Memory 7...page 23
In VFO mode, enter a frequency.............page 16
```

*/ \/SC
PTT + *.....Transmit DTMF *.....page 33
F + \/SC.....In VFO mode, scan down the selected range..page 30
\/SC.....In VFO, Priority Memory or Standard Memory mode
scan down.....pages 17, 22 & 23
In memory-set mode, next menu item.....page 26

2/DTMF
PTT + 2.....Transmit DTMF 2.....page 33
F + DTMF.....Store DTMF memory sequence.....page 33
2.....In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 2.....page 22

5/BEEP
PTT + 5.....Transmit DTMF 5.....page 33
F + BEEP.....Key entry beep.....page 19
5.....In Standard Memory mode, select Memory 5...page 23
In VFO mode, enter a frequency.....page 16

8/M-SET
PTT + 8.....Transmit DTMF 8.....page 33
F + M-SET.....In VFO mode, memory set.....page 26
In Standard, Priority, Calling Memory,
change options for memory channel.....page 21
8.....In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.....page 16

0/V-SC
PTT + 0.....Transmit DTMF 0.....page 33
F + V-SC.....Vacant scan.....page 19
0.....In Standard Memory mode, select 1st digit
of memory 1.....page 23
In VFO mode, enter a frequency.....page 16

3/ +/-
PTT + 3.....Transmit DTMF 3.....page 33
F + +/-.....Duplex offset.....page 18
3.....In Standard Memory mode, select Memory 3...page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 3.....page 22

(Continued to next message)
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1944. Help with HT-202 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <685_9605061502@woodybbs.com>
Source record: 201463

(Continued from previous message)

6/REV
PTT + 6.....Transmit DTMF 6.....page 33
F + REV.....Reverse transmit & receive freqs.....page 31
6.....In Standard Memory mode, select Memory 6...page 23
In VFO mode, enter a frequency.....page 16

9/M-CLR
PTT + 9.....Transmit DTMF 9.....page 33
F + M-CLR.....Memory clear.....page 31
9.....In Standard Memory mode, select Memory 9...page 23
In VFO mode, enter a frequency.....page 16

#/ /\SC
PTT + #.....Transmit DTMF #.....page 33
F + /\SC.....In VFO mode, scan up the selected range....page 30
/\SC.....In VFO, Priority Memory or Standard Memory mode,
scan up.....pages 17, 22 & 23
In memory-set mode, previous menu item.....page 26

F/M/PTT/L all located on the side of the unit with the PTT button

F.....Select the 2nd function of a key.....page 5
M.....Monitor a channel without squelch,
In Standard, Priority or Calling memory,
display memory's programmed options.....page 25
PTT.....Push-to-talk (transmit button).....page 18
L.....Turn on the light for 5 seconds.....page 15
F + L.....Turn on the light until you press L again..page 15
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1945. Vertex VX-500 Commercial Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: dpbaker@in.net
Message-ID: <4mlrht$gc9@su3.in.net>
Source record: 201464

I'm in the market for a VHF commercial rig for my work as a volunteer firefighter. I'm leaning towards the VX500 because of my fondness for Yaesu equipment. Anyone know where I can get one? Are they any good?

Dave Baker

1946. FS:TS-440SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Jacques Patry <jacques@ultranet.com>
Message-ID: <318E9C1F.33EB@ultranet.com>
Source record: 201465

For sale TS-440s with autotuner. Very clean non smoker. Installed
Kenwood rework for PLL. $835.00. Will warranty for 30 days.
Email to jacques@ultranet.com.

1947. Fiberglass sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Bro Bill <bro@bro.net>
Message-ID: <318DF02C.2986@bro.net>
Source record: 201466

Bandmaster Fiberglass offers a complete line of affordable fiberglass rod, tube and spreaders.

Info from our email auto-responder: fiber@bro.net (no title or text necessary)

Info on the web: http://bro.net/aae/fiber.html

1948. FS: Icom IC-2SRA HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: "Douglas P. Regulinski" <dpr2@cornell.edu>
Message-ID: <318EA6FB.2C6@cornell.edu>
Source record: 201467

For Sale:

Icom IC-2SRA
* 2m HT and 25-950 MHz continous AM, FM, WFM scanner in one package
* Very good condition with very light use
* Orignal packaging and documentation

If you are interested, please contact me by phone or email.

Thanks,
Doug
dpr2@cornell.edu
(607) 253-0248 8AM-midnight EDT only please

1949. Re: Differences bet. FT-51R and IC-W31A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: jmooney776@aol.com
Message-ID: <4mma4h$933@newsbf02.news.aol.com>
Source record: 201468

There is a mod for the W31 that will give it out of band Tx on both
bands. It will also recieve cellular very well.
Jim Mooney N3SIR

JMOONEY776@aol.com

1950. Re: Out of Band Modifications for Radio Shack HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: charles.adams@ntc.nokia.com
Message-ID: <charles.adams.107.000A8B74@ntc.nokia.com>
Source record: 201469

In article <318C2E94.7603@tima.com> "John P. Scheiwe" <jscheiwe@tima.com> writes:
>Path:
>ntc.nokia.com!nokia.fi!news.csc.fi!news.eunet.fi!news.spb.su!demos!EU.net!newsfe
>ed.internetmci.com!news.intersource.com!news
>From: "John P. Scheiwe" <jscheiwe@tima.com>
>Newsgroups: rec.radio.amateur.equipment
>Subject: Out of Band Modifications for Radio Shack HTX-212
>Date: Sat, 04 May 1996 23:29:08 -0500
>Organization: InterSource, Bloomington, IN
>Lines: 6
>Message-ID: <318C2E94.7603@tima.com>
>NNTP-Posting-Host: timats1-1-16.tima.com
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>Content-Transfer-Encoding: 7bit
>X-Mailer: Mozilla 2.01Gold (Win95; I)

>I am looking for the modifications for a Radio Shack HTX-212 that will allow it
>to transmit out of band. I am
>hoping to be able to use this radio for RACES work. Any assistance is
>appreciated.

>John Scheiwe - KB9LTI
>Bedford, IN
>jscheiwe@tima.com

RACES = Radio Amateur Civil Emergency Service = frequencies assigned TO the
Amateur Radio Service. Out of band (the Amateur band, that is) is not
permitted in RACES operation. Besides, it has been posted here many times
before that the RS handhelds are not modifiable for out of band operation. It
might have mad more sense if you had at least said you wanted to operate
either CAP or MARS........

==
Charles P. (Chuck) Adams WB5WRR Tel. +1 817 491 5838
RF Engineering Fax +1 817 491 5888
Nokia Telecommunications, Inc. USA charles.adams@ntc.nokia.com
==
alternate email addresses:

cadams@ssc.gov
cadams@sscvx1.ssc.gov
charles_adams@ssc.gov
cadams@ntcsal01da.ntc.nokia.com

1951. Re: aerotron fm unit...anyone familiar?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4mmen0$bd8@newsbf02.news.aol.com>
Source record: 201470

aerotron was acquired by siemens; they used to be in north carolina near raleigh; try aol reference desk for electronic phone book

1952. Re: ek895 or 896

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4mmeo6$bec@newsbf02.news.aol.com>
Source record: 201471

who can afford it? got a catalog, but the unit is a bit pricey.
please post your findings, if any
thanx

1953. Re: AM RADIO LOG

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4mmeti$bg8@newsbf02.news.aol.com>
Source record: 201472

national radio club has one (20-25$)
international radio club has one (20-25$)
broadcasting magazine has yearbook(150$)
m street journal has one (37$)

all available from Universal Radio (800 431 3939), and Gilfer, and Grove,
and EEB, who all have web sites

1954. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Michael Blankenship <mblank@topeka>
Message-ID: <Pine.SOL.3.91.960506220315.6789D-100000@topeka>
Source record: 201473
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

sheeesh....

This has been one of the best non-confrontational discussions I have seen
in a long time. For those of you who could care less about adding to your
obviously limited knowledge I would suggest not even opening up the subject.
After all, it's been running for some time and you know what it's about...
if it doesn't interest you - don't read it for crying out loud.

On 6 May 1996, gary wrote:

> Mark Oppenheim <Mark@Tetherless.com> wrote:
> >Can this thread be moved to:
> >
> >alt.tubes.obsessive ?
> >
> >Mark
> >
> >
>
> ACTUALLY, it's more like; alt.IwannashowtheonlookersI'msmarterthanyou -
> otherwise, this could all have been better addressed by direct E-mail
> between the posters...
> --
> Gary....KJ6Q *** I AM THE NRA! ***
>
>
>

1955. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mmfm3$brn@newsbf02.news.aol.com>
Source record: 201474

In article <4mlboj$dq0@miwok.nbn.com>, gary <tech@thereporter.com> writes:

>ACTUALLY, it's more like; alt.IwannashowtheonlookersI'msmarterthanyou -
>otherwise, this could all have been better addressed by direct E-mail
>between the posters...
>--
>Gary....KJ6Q *** I AM THE NRA! ***

Actually I was glad it was here Gary, I was trying to learn something about speakers and music reproduction.

I have very little exposure to dynamic range in music, being a fan of bands like Nine-Inch-Nails and Ozzy Ozborne.

Sometimes the threads do turn into a "gotcha thread". But sorting past all the razzel-dazzel and snow-making machinery there is often something useful to be learned.

I appreciated Jack's skills with audio systems, his comments were easy to read and understand. Besides, if you don't like it, hit delete. Or shoot your monitor.. :-)

73 Tom

1956. GE: Exeuct Channel elements

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: bb@tisc.com
Message-ID: <4mlupq$smu@taxis.corp.titan.com>
Source record: 201475

I have 4 channel elements for a ge Exeuct
tx 52.525
tx 52.54
rx 52.525
rx52.54
$17 for all
Bill Bennett
Kc6yox

1957. Re: Yeasu programming cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: sims@dduck.acsys.com
Message-ID: <slrn4os1at.jfn.sims@dduck.acsys.com>
Source record: 201476

In article <4mg37e$n7g@nw002.infi.net>, Tele Monster wrote:
>I was wondering if anyone has the schematics for the yeasu programming
>cable for the business radios? I *BELIEVE* it is the same cable used for
>the HT's and what not. Just has a RJ-45 connector to Serial
>connector.

If what you need is the same cable that's used for the amateur HT's,
then you need a serial-to-TTL converter. It converts RS-232 serial
data to TTL (0 volts & 5 volts) and vice-versa.

We sell those cables already assembled and tested. For more info,
try "http://www.acsys.com" or email "sales@acsys.com".

regards,
dave

--
dave sims
sims@acsys.com
kc5jkn
http://www.acsys.com - EZ Clone, software for programming amateur radios

1958. Re: Hamfest

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Tim Murray <tamurray@iquest.net>
Message-ID: <Dr0By8.2M4@iquest.net>
Source record: 201477

I think it starts Friday, May 17 through Sunday.....73...Tim

1959. Best Dual-Band? Going to buy soon.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: lpvwwwtp@cencom.net
Message-ID: <N.050596.215048.14@saranac_2nd_ppp_34.cencom.net>
Source record: 201478

What dual-band handheld is the best value out there? I noticed that the new standard for handhelds seems to be a dual-band, but what features are really necessary? What is CTCSS for example and what is a spectrascope? Is a 2m/44oMhz. the best dual - band to get? What brand is most reliable (Kenwood, Yaesu, Icom, Alinco)? What is the general price range? Are the battery packs easily available? What handheld would you get? -Is generally what I am asking anyone. Thanks in advance {to any brave soul whom wishes to answer this question.} Turner Gutmann [A soon to become Technician]

1960. WTB: Med./Heavy Duty Rotator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: alenia@mbox.vol.mt
Message-ID: <4moeqr$a3p@everest.vol.it>
Source record: 201479

Hi everybody,

First of all thank you for taking time to read my message. My name is Jason and I live on the Island of Malta, in the middle of the Mediterranian Sea. I would be looking for a Meduim or Heavy Duty Rotator, to use with my VHF antennas. I shall be putting up 2 Cushcraft 18 Element Yagis (2M) stacked on top of each other as well as a 4 element beam for 6M and finally a 23 element for 70cm.

I also would like to hear from anybody who has any linears or preamps for the above bands.

Whilst hoping to hear from you soon, I thank you in advance.

73's for now
de Jason
9H5DM

email address is alenia@mbox.vol.it

1961. aerotron fm unit...anyone familiar?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Mud.Puppy@bbs.mhv.net
Message-ID: <4mjkpf$9p@news.mhv.net>
Source record: 201630

got my hand on a big metal cabinet of a radio.
i know it's an aerotron but not much else yet.
it says fm and has the look of an aircraft or
military unit
anybody have any background on it?
is aerotron still around?
thanx

1962. Re: IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: burtonpt@ix.netcom.com
Message-ID: <4mjhq7$6d7@dfw-ixnews5.ix.netcom.com>
Source record: 201631

I have an ICOM 751A which also has the lithium battery to keep the processor memory alive. I would like to replace the battery and wonder if someone can point me to information on a detailed procedure for doing this. Thanks for any help.

Paul AA6Z

1963. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: mrbbs@mindspring.COM
Message-ID: <318D6918.16E3@atl.mindspring.com>
Source record: 201632

```
add ham-equip
```

1964. Re: Low Transmit Audio IC-2410

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: jon cave <75051.2142@CompuServe.COM>
Message-ID: <4mjtr6$a65$1@mhafn.production.compuserve.com>
Source record: 201633

I have a Icom 2410 also. The low transmit audiio is not casued by the deviation in the radio. Icom designed the microphone with too much filtering. If you remove the diode that is soldered across the two pins of the microphone element your transmit audio will be much better.

One mod I found recommended replacing the microphone element with a certain one (can't remember the #) from radio shack. I did that and my transmit audio is now very hot. I need to readjust my deviation buy I haven't. I have to hold the microphone about a foot away from mouth to keep it from over deviating on VHF. No problem on UHF though. I think Icom recommends just removing the diode. Give them a call or visit there forum on compuserve under hamnet and they can help you out.

73's Jon Cave

1965. ICOM DAY SPECIALS AT HRO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: dale@exo.com
Message-ID: <4mk2bf$h78@news.snni.com>
Source record: 201634

This coming Saturday May 11th all the Ham Radio Outlet stores will be offering Specilal Discounts on Icom Products.. Store hours are from 10:00am until 5:30pm

1966. Butternut HF5B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: rchappel@ix.netcom.com
Message-ID: <4mjmqq$27l@dfw-ixnews7.ix.netcom.com>
Source record: 201635

I am interested inany experiences any of the readers of this newsgroup have had with the Butternut HF5B antenna. I am considering a rooftop tower with this small antenna if there are no adverse charateristics.

How 'bout it? Any opinions? good experiences? bad experiences?

Will a small (Radio Shack) rotator handle this antenna?

Bob Chappelear
KI0AS

1967. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4mk473$f3b@dfw-ixnews8.ix.netcom.com>
Source record: 201636

In <5dc_9604281609@woodybbs.com> Clint.Bradford@bbs.woodybbs.com (Clint Bradford) writes:
>
>
>
>
>
>: I'm sure I saw a reference to a fix for this problem, but I haven't
>: been able to locate it via any of the www search engines. A friend has
>: an HTX202 that he uses with the remote speaker/mic, and even though his
>: signal is S9, the audio is very low. I hope that someone can point me
>: to a fix for his problem.
>
>Sounds silly, but make sure he's speaking into the microphone - located
>in the bottom-right of the RS Speaker-mike. Makes a world of difference!
>
>
>clint.bradford@atdbbs.com
>

Come on Clint the HTX-202 low deviation problem is long standing and well known. I know you think the Tandy stuff is great but they have some serious QA problems and most of all at the retail level they just don't have a clue. The problem stems from the deviation adjustment telling the guy to speak into the mike is a cheap shot.

To the original poster there is a deviation adjusrment I can't remember just which pot it is but I am sure someone here can help you. Don't mind Clint he just has a lot of Radio Shack stock.

73 Jerry

1968. R-1051 Receiver Manual wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: eric@sierra.net
Message-ID: <4mkd91$f6e@nntp.sierra.net>
Source record: 201637
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap

I need to find a manual for the R-1051 series Receiver. I have a
R-1051c and need to make repairs. Can anybody provide me with a copy
of the Technical and/or Operator's manual{s} ? Thanks !

Eric
KE6IIY

1969. WTB: Synths, Drum Machines & FX - analog or digital

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: gm371@cleveland.Freenet.Edu
Message-ID: <4mkkrg$71u@madeline.INS.CWRU.Edu>
Source record: 201638

WTB: Synths, Drum Machines & FX - analog or digital

Arp, Akai, Boss, Buchla, Crumar, Chroma, EDP, EML, EMS, Korg, Moog, Oberheim,
Octave, PAIA, PPG, Roland, Serge, Sequential, Simmons, Yamaha, ETC...

* Older stuff With or Without MIDI
* Synthesizers - analog, modular, patchable, some digital, etc...
* Drum machines, Ryhthm units - analog
* Sequencers - CV & gate
* Converter units - MIDI to CV & gate, etc
* Sync units - Din Sync, etc.
* Effects processors - tube, analog, digital
* Vocoders
* Effects pedals

* Even Newer Stuff

* Also Wanted: Recording Gear - Mics, Pre-amps, Processors, etc...

* Anything else that falls under the electronic music realm...

Please write back with a description of what you have...
Thankyou.
--
6

1970. W9GR DSPII - Source? Experince?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4mkkt0$1jau@info4.rus.uni-stuttgart.de>
Source record: 201639

Hello,

I read a reviev of the DSP II by W9GR. It seems to be an interesting candidate for narrow band CW filtering. Does someone here have experience with it? Where can it be bought? (HRO apparently do not sell it.)

73, Moritz DL5UH

1971. Re: Low Transmit Audio IC-2410

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <4mkns2$sor@ralph.vnet.net>
Source record: 201640

flanagan@genie.com wrote:

>The ICOM 2410 is well-known for having low transmit audio with the stock
>microphone. Apparently ICOM was trying to reduce background noise by
>forcing the user to all but shout into the microphone.

>I read an early review where the reviewer replaced the stock microphone with
>another standard ICOM mobile mic and found the transmit audio was back up
>where it "should" be. I cannot find that review. Can anyone identify the
>other ICOM mobile microphones that can be used with the IC-2410 to bring the
>transmit audio up? Thanks!

>--
>Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

The dealer I bought my 2410 from gave me an HM-14 mic. It lacked the
autodial memories, but A/B comparisons showed it provided more mic
gain, and better fidelity.

73,
Gary KN4AQ

1972. Radio Station Database Program Stand Alone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Charles Bolland <chuck@flinet.com>
Message-ID: <318E27BD.1D66@flinet.com>
Source record: 201641
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc.,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

Sir,

It's still available. The IBM/DOS Broadcasting Radio Station Database Program for Longwave, Mediumwave, and Shortwave. Over 4,000 records included already. The program is completely read and write. Records can be added or changed. Sorts in many different formats both on your screen and printing.

If you would like a copy of the program, send your request to "chuck@flinet.com". Please include your MAILING ADDRESS - SNAIL MAIL. For example, your street number, city, state and zipcode. Also include your EMAIL address.

The program will be sent to you via EMail probably within 24 hour is not sooner. If you reqeust the program and havenn't received it in that period, check back with me. Sometimes things get lost on the internet.

Remember to send your address. Requests without a mailing address will not be acknowledge to save time on the internet. In the past requests without an address were reminded with a message. Usually, the reminder went unanswered anyway. If it wasn't, the reply was sometimes very rude.

This program is FREE! Everything works. It has many features and they all work, not like shareware where some of the features work and other don't.

Your Postal address and EMail address will be kept CONFIDENTIAL. I may in the future contact you via Snail mail with a description about the Voyageur Database program. That's it.

Hope to hear from you and best regards.

Chuck Bolland
P.O. Box 18402
West Palm Beach, FL 33416

chuck@flinet.com

1973. Re: FT-50 cellular

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4mktpa$n5@nntpa.cb.att.com>
Source record: 201642

In article <4mdhj4$4b0$1@mhadf.production.compuserve.com>,
75162.2371@CompuServe.COM says...
>
>Huh? The images are 90.2MHz HIGHER than the fundamentals, so you'd hear
>full strength signals in the 959-984MHz area.

How do you know they are higher? They could be higher or lower, depending on which side of the receive frequency the LO is. With my rf generator set to 881.5, I can set the radio to either 791.3 or 971.7 and receive the signal. I can see the LO in both cases on the spectrum analyzer at 836.4 and 926.6, respectively. So, apparently the receive range of the radio is extended simply by flipping from high to low side injection. By the way, the sensitivity is about the same in both cases...

1974. Re: Alinco 610 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4ml5i6$2h9@news.whidbey.com>
Source record: 201643

Iz this a NEW model # ??? DJ-610 perhaps??

subbustr@whidbey.net

1975. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4ml52t$nqf@newsbf02.news.aol.com>
Source record: 201644

I'll delete most or all of the unnecessary personal snipes and opinons and try to stay with generally useful facts.

In article <1996May3.222151.20156@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>>All of that aside, where is the big "tetrode distortion advantage" you
>>touted while being so openly critical of my technical analysis and
>>ability? It certainly doesn't appear in those numbers!
>
>The numbers are better than the original amplifier with 8875s. Now I
>didn't say that the modification was optimum did I? I don't think so.

8875 measured third order (one measured sample of a pair of tubes 1980 data) : -39 dB third, -44 dB fifth at rated output. Your reported data was -38 and -48 dB with negative feedback. Where's the "big universal tetrode advantage"?

To refresh memory of the origninal claim, you said:

"Tetrode amps have better linearity and more power gain than triode amps. They do require a screen supply, and the tuning is a bit different, but that's only marginally important when contrasted to the advantages they offer."

This is a pretty broad general statement that just isn't true in some areas, specifically the claims of "better linearity", "tuning a bit different", and "advantages they offer".

>If someone started with a clean sheet of paper, I'm confident better
>performance numbers could be obtained. As I'm sure you are well aware,
>more than just the number of grids in the active device are involved
>in achieving a clean amplifier.

Which was my point all along, and you now seem to agree with me and disagree with your statement above. My only point is if someone is going to do the all the work, do it correctly. Especially if it's just a matter of adjusting a few component values.

>This modification appears reasonably easy to do, saves a good bit of
>money compared to a new pair of 8875s, and has better measured
performance
>in important areas than the original amplifier. That looks like a good
deal
>to me. If the ARRL lab test results showed worse performance than the
>unmodified amplifier, I'd tend to go along with you in your criticisms.

I don't have critisisms, just facts.. One fact is two tone fixed power level tests are not good tests (in particular with tetrodes), another new one is the ARRL "Lab" doesn't always measure amplifier parameters correctly.

For example, in the past the Lab has measured efficiency incorrectly. The error was caused by subtracting the entire amount of drive power from the output power during efficiency calculations.

The correct procedure is to ADD additional input power caused by the cathode/anode voltage contribution during the cathode's negative voltage excursion to the plate input power calculation, since the positive cathode voltage excursion (subtracting from the effective HV) has no effect when the tube is cut off.

Incorrectly subtracting the driver's power from the output (if still employed) produces artifcially low efficiency calculations....with low gain high conduction angle linear gg triodes paying the stiffest penalty.

>But that's not the case. There may be a different modification one could
>make that would result in even less expense and even better performance,
>but the given modification looks like an improvement to me.

I'm concerned, as I've said over and over again, about throttling back exciters so far. The designs require increased exciter IMD and ALC (power control) overshoot, and that system almost always works poorly at full power. Getting the amplifier running is an improvement, but that wasn't my point. My point was why not simply put the correct resistor values in the circuit? What is wrong with that no matter HOW it works?

>I've been critical of your technical analysis because you haven't
>even read the article or looked at the ARRL lab report. If you had,
>you'd have noticed that the cathode resistor is not bypassed, and
>you'd have made sense out of my attempt to describe what the graphs
>show.

Critical I don't mind, but nasty and accustory without fact while avoiding technical issues...I do mind. No one learns anything from personal remarks. It's boring, uniformative, and paints the attacker as a "real jerk" covering his technical inabilities or errors by unwarranted attacks. Personal opinions have no place in technical discussions.

My comment was QST must have slipped up, and I hope it isn't becoming a trend. It is unusual for them to allow an author to slide in derogatory comments about a competitor while extolling virtues of his own product. This is especially true when the virtues are at **best** very "overrated or exaggerated" for the application.

> I get the distinct impression
>that you've assumed the designer of this modification must be stupid.
>How about assuming instead that he was reasonably astute? (You can
>feel free to accuse me of being stupid for attempting to describe the
>article to you.)
>I've also been critical of you because you seemed to have a kneejerk

>reaction to the mention of Svetlana in this article and the original
>one.

I can assure you I'd be just as hard on Eimac, Collins, RCA, or myself if incorrect data was released to the public. I don't care who the source was, no one has the right to falsely demean a competitor (especially in a historical or technical article), or give readers incorrect data. That was totally out of place in an otherwise good article.

What ever happened to personal ethics and pride?

> Now I don't know why that is, but I find it difficult to believe
>that it is merely a matter of a technical difference of opinion about
>the relative merits of triodes versus tetrodes. Why do you think they
>bother to put that extra grid in there if it doesn't offer some
>advantage?

The tube was originally designed for the Russian Millitary where high power gain was required, not for low IMD or consumer applications. Now that Soviet war machine has fallen apart, the tubes are freely available. They do make 3CX3000's and other triodes, but nothing in the amateur power level range of 500 to 2000 watt dissipation.

>Why do you think designers at Harris, RCA, Gates, Collins,
>etc bothered to use tetrodes if they are inferior performers?

Because of the application Gary. Tetrodes are the "wrong tube" for use with 100 watt SSB exciters. Tetrodes are correct for high power gain commercial amplifiers. This is engineering common sense, good engineers avoid using complicated and difficult to operate designs unless absolutely necessary.

>Is it because they just liked to design screen supplies?

No, it's because the design tetrode application was almost always fixed-tuned high-gain amplifiers, rather that hobby type "change-frequency-every-ten-minutes amplifiers" used with 100 watt (or more) exciters. We should all thank Eimac for pushing to develop so many zero bias triodes for our market, not paint them as a group that "was not driven by technical performance" and "driven by simplicity, low cost, and superb product promotion".

That comment is absolute rubbish, and the author and QST should be ashamed for allowing it in as well as highlighting those worded in a boxed large print area.

There are only two **clear** advantages of the Sveltlana tetrode over any other comparable triode in HF amateur applications. The advantages are tube cost and ease of gain modification by changing component values. What's wrong with telling the truth and setting the values correctly?

Hi-mu G-G triode advantages: Gain compatibility, ease of operation, simple and easy to design circuitry, very little change in performance with circuit parameter changes, inherent negative feedback, linearity and IMD

generally better than state of the art for the exciters used, and lower supporting system cost.

Disadvantages: Fixed gain limited by tube and circuit parameters, tube cost (with current sources).

Grid driven tetrode advantages: Tube cost (with current sources), gain can be easily adjusted to the proper value with the ***correct*** grid loading resistance.
Disadvantages: Difficult to tune, easy to overdrive (with severe distortion products quickly resulting), more complex circuitry, hard to measure and control grid current accurately in SSB operation, substituting tubes requires major physical and circuit design changes.

73 Tom

1976. FS: KENWOOD SM-220 MONITOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: "D. GALILEO" <DGALILEO@MAIL.MCG.EDU>
Message-ID: <4ml5c5$qnt@ns4.ac.edu>
Source record: 201645

I HAVE AN SM-220 MONITOR SCOPE WITH BS-8 PANADAPTER IN EXCELLENT
CONDITION FOR SALE. $310.00 SHIPPED WITH ORIGINAL MANUAL.

1977. FS: KENWOOD SM-220 MONITOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: "D. GALILEO" <DGALILEO@MAIL.MCG.EDU>
Message-ID: <4ml5eu$qnt@ns4.ac.edu>
Source record: 201646

I HAVE AN SM-220 MONITOR SCOPE WITH BS-8 PANADAPTER IN EXCELLENT
CONDITION FOR SALE. $310.00 SHIPPED WITH ORIGINAL MANUAL.

1978. FS: KENWOOD SM-220 MONITOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: "D. GALILEO" <DGALILEO@MAIL.MCG.EDU>
Message-ID: <4ml5fh$qnt@ns4.ac.edu>
Source record: 201647

I HAVE AN SM-220 MONITOR SCOPE WITH BS-8 PANADAPTER IN EXCELLENT
CONDITION FOR SALE. $310.00 SHIPPED WITH ORIGINAL MANUAL.

1979. FS: KENWOOD SM-220 MONITOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: "D. GALILEO" <DGALILEO@MAIL.MCG.EDU>
Message-ID: <4ml5g2$qnt@ns4.ac.edu>
Source record: 201648

I HAVE AN SM-220 MONITOR SCOPE WITH BS-8 PANADAPTER IN EXCELLENT
CONDITION FOR SALE. $310.00 SHIPPED WITH ORIGINAL MANUAL.

1980. Re: IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: dhughes@efn.org
Message-ID: <318e16bb.40073497@news.efn.org>
Source record: 201649

burtonpt@ix.netcom.com(Paul Burton) wrote:

>I have an ICOM 751A which also has the lithium battery to keep the
>processor memory alive. I would like to replace the battery and wonder
>if someone can point me to information on a detailed procedure for
>doing this. Thanks for any help.
>
>Paul AA6Z

I can't take credit for this procedure. It was written up in QST some time ago.

Here is how to do it. First, get a new battery. It is available at Radio Shack as P/N CR2325. I have not verified this, but the battery I received from Icom is a Panasonic BR2325. The R/S P/N references to a Ray-O-Vac BR2325. I assume this to be the same as the Panasonic BR2325.

Take the ram unit out of the transceiver (the one with the lithium battery) so you can work on it. Trace the battery + and - leads to the nearest I.C. legs so you have a point of attachment. You need four clip leads like Radio Shack sells. The type that have a little spring-loaded hook on the end so they will stay attached to the legs.

Hook the new battery in parallel with the old battery (at the I.C. legs.) Carefully remove the old battery. Helps to use a solder sucker (also available at Radio Shack.) Hook up the old battery in parallel with the new battery so you now have two batteries hanging on clip leads.

Remove the clips from the new battery and solder it in the board. Remove the clips from the old battery and you are done!

Dick Hughes - W7LVA

1981. home page

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: abeaton@awinc.com
Message-ID: <4mlar4$pb3@kryten.awinc.com>
Source record: 201650

Hello,

I was wondering if any of the Canadian hams would know if Atlantic Hamradio,Norham, or Alfa are on the Internet and if so could I get you to e-mail their address to me please. Thanks for all your help in advance..... DE VE7AIB Al

abeaton@awinc.com

1982. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: gary <tech@thereporter.com>
Message-ID: <4mlboj$dq0@miwok.nbn.com>
Source record: 201651
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Mark Oppenheim <Mark@Tetherless.com> wrote:
>Can this thread be moved to:
>
>alt.tubes.obsessive ?
>
>Mark
>
>

ACTUALLY, it's more like; alt.IwannashowtheonlookersI'msmarterthanyou -
otherwise, this could all have been better addressed by direct E-mail
between the posters...
--
Gary....KJ6Q *** I AM THE NRA! ***

1983. +++ FS Yaesu FT890AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: rvranch@aol.com
Message-ID: <4mlctr$q51@newsbf02.news.aol.com>
Source record: 201652

Have Mint Yaesu FT-890AT with 500hz cw filter installed

I just don't need it -- $850 and I will ship in US

Reply E-Mail for more info if interested

73 WINK WA8KOQ

1984. Re: FT-757 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: smason@agt.net
Message-ID: <318e3a6a.11961930@news.agt.net>
Source record: 201653

On 5 May 1996 23:31:25 -0400, s87c51@aol.com (S87C51) wrote:

>Can someone on the group try this and see it at work point the cooling fan
>kicks in? I don't transmit much so I don't remember when the fan comes
>on.
Mine kicks in after 2 minutes or so of full power into a dummy load.
The circuitry that conrtols the fan is fairly simple, though working on these
rigs is a pain.

Steve VE6STV

1985. Re: Hallicrafters S-40B Receiver HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Roland Burgan <rburgan@up.net>
Message-ID: <4mlkn7$lft@btc1.up.net>
Source record: 201654

You can get photocopies of any Hallicrafters manual from the
"Keeper" of the manuals, as it were:

ARDCO Electronics
P.O.Box 95
Berwyn, IL 60402

1986. WANTED: IC-22U Schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <4mlkge$akb@news2.acs.oakland.edu>
Source record: 201655

Hello everyone!

Do you have a schem of the Icom 22-U laying around? I'd like a Xerox or FAX of the PLL section.

I have the owners' manual and the PCB drawing but no schematic. My version is the IC-22E and I'd like to convert it to the USA "U" version.

Many thanks in advance!

=paul= wb8zjl

1987. Re: Out of Band Modifications for Radio Shack HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4mljgu$3ei@news.service.uci.edu>
Source record: 201656

In article <318C2E94.7603@tima.com>, jscheiwe@tima.com says...

>I am looking for the modifications for a Radio Shack HTX-212 that will
>allow it to transmit out of band. I am hoping to be able to use this
>radio for RACES work. Any assistance is appreciated.

>John Scheiwe - KB9LTI

Hi John,
First, it's illegal to transmit out of the amateur bands (except CAP and MARS) with a non-type accepted radio, so I'll assume your speaking about the MARS frequencies. Secondly, the Radio Shack units can not be modified for out of band receive, period!

Sorry,

Brian N6ZAU

1988. YAESU FL2100 alteration

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: rmander@mopa.global.it
Message-ID: <4mip60$1cb@estense.global.it>
Source record: 201657

Hi everyone , thanks for reading this message
I heard somewhere that a modification exists to fit 811 tubes on a
YAESU FL 2100 linear amplifier (it normally mounts 572B tubes).
Does anybody have any information about that ?
Thanks in advance

73 de IK4JQW Roberto
rmander@mopa.global.it

1989. Help a newbie -- Icom W31A, Z1A or W2A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: alden@math.ohio-state.edu
Message-ID: <4mlos6$l7s@math.mps.ohio-state.edu>
Source record: 201658

Hi,

I'm just getting started and I need to purchase an HT. I've narrowed it down to one of 3 (all Icom), the W31A, Z1A or W2A (obviously used :-). I want a radio that can do wide-band rx. I read that the W31A can easily be mod'ed to do from 50-999, and the W2A already does this -- how about the Z1A? Anyone know why the Z1A is "on sale" for $100 off? According to the description sheets on Icom's homepage, the Z1A and W31A are almost identical. Any information (like where to find information on mod'ing the W31A and Z1A) would be greatly appreciated. The prices I'm getting are ~$290 for the W2A, ~$430 for the W31A and ~$330 (after rebate) for the Z1A.

...thnx,
...dave alden (no call sign yet -- just passed the Tech-Plus test on 5/4/96 :-)

1990. Re: Eartalk speaker mics for HT's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: childersb@aol.com
Message-ID: <4mlorh$1dm@newsbf02.news.aol.com>
Source record: 201659

After purchasing an Eartalk for my Yaesu FT-530, I am totally disappointed in the quality. The earphone doesn't stay in my ear well, and it is easy to snap apart the PTT button control into its component pieces. I have since returned it.

However, I have purchased the Standard CMP123 EarMic, and I am extremely pleased with it. It works fine on my Standard C508A, and it also works on my Yaesu FT-530 and FT-50 (w/ CT-30 adapter). Note that the Mic Gain switch must be set to high to trigger any of the Yaesu rigs. The earphone fits well, and the audio is great. I've had no complaints from ANY one whose heard my audio, and the only comment I've had is "You sound like you have a bit of a cold."

Also, the Standard unit is $20 cheaper than the Genesys.

Bill Childers
KE6VVW

Pls direct all replies to childers@garlic.com

1991. Q: Transceiver kit reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-0605961455560001@wpaul-mac.qualcomm.com>
Source record: 201660
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I am considering purchasing a kit for a 2m transceiver and/or 70cm transceiver.
Before I buy anything, I would like to hear any comments and experiences
with various kits. If I get more than a few responses, I will post the
results.

*What kit did you buy (manuf./model #)?

*Was there adequate documentation (schematic, block diag., parts layout,
theory of operation, etc.)?

*How was the PCB (single-sided, multi-layer, silk screen labeling)?

*Overall rating of your kit (1-10, poor to great)

*Where can I get more info on your kit?

*Any other comments?

Thank you for your time and comments
-BP

Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com

1992. Manual Wanted for Yaesu F

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-06 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <683_9605061502@woodybbs.com>
Source record: 201661

Brian - you need a copy of "Lost Users Manuals" #1 - which includes your
FT-470.

artsci publications. HRO has them. If no local dealer to you has it,
artsci's telephone number is 818-843-4080.

clint.bradford@atdbbs.com
... ATTENTION to Details BBS - 909-681-6221 - REACT/GMRS/AMATEUR RADIO
---
* TLX v4.00 *
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

1993. Modem disconnect ? (WAS: Re:KISS mode HELP !)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Alex Lam <alexl@mpce.mq.edu.au>
Message-ID: <318E8FA3.5277@mpce.mq.edu.au>
Source record: 201480
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Gary Coffman wrote:
>
> In article <31884B26.4B04@mpce.mq.edu.au> Alex Lam <alexl@mpce.mq.edu.au> writes:
> >Hi all,
> > I am trying to have two modems talking to each other. Just then,
> >I have them talking with converse and transparent mode, but it didn't
> >working for KISS mode. In fact, they lost connection when I put them
> >into KISS mode.
> > I realise that I will no longer have AX.25 in KISS, but
> >I didn't expect they would lost connection !
> > Can anyone help ? Are there special instructions required ?
>
> KISS does not support AX.25. It is simply a channel management and
> modem management protocol. When you put the TNC in KISS mode, you
> have to do the layer 2 protocol (AX.25 link layer, slip, ppp, etc)
> via software running on the host computer.
>
> In other words, it is the AX.25 layer that supported the connected
> mode link. When you go into KISS, you are no longer doing AX.25 in
> the TNC so the link is lost.

Thankyou for your reply,

What I was trying to do here is to measure the bit error rate of the
radio link.
Unfortunately, bring the TNC to KISS mode and thus removing AX.25 does
not
help because there is yet the HDLC layer embedded in the TNC. Can you
give me
some suggestions ?

What about the modem disconnect ? What is that all about ? Frankly, I am
an
absolute newbie to the radio world...

Thanks

Alex
--

****
School of Mathematics, Physics, Computing and Electronics
| _ |\/| _ Macquarie University, Sydney 2109
|___|_|_| |_ , |-| L E X Ph: +61 2 850-9065
| | Fax: +61 2 850-9128

email: alexl@mpce.mq.edu.au

1994. Re: Kenwood TM-241A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: rfburns <doogie@pop.fast.net>
Message-ID: <4mm5s5$ctb@nn1.fast.net>
Source record: 201481

HERES THE PIN OUT FOR THE KEN 231
IT SHOULD BE THE SAME FOR THE 241
PIN 1 MIC AUDIO

PIN 2 PTT

PIN3 DWN

PIN 4 UP

PIN 5 8 VDC 150MA MAX

PIN 6 RX AUDIO OUT APPROX 100MV/10K OHM

PIN 7 GND (MIC AUDIO)

PIN 8 GND

HOPE THIS HELPS THIS IS OUT OF THE MANUAL
DOUG
N2PLR

1995. Re: intermod vs overload

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4mm8f2$1rmo@mule2.mindspring.com>
Source record: 201482

I'd sure like to see more posts like this thread. Thanks to the person who posed the question and those who responded. Very informative!

1996. ic-706 antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: cn2304@coastalnet.com
Message-ID: <4mmbuk$4oo@treasure.coastalnet.com>
Source record: 201483

I wanted to pass along, if you use your 706 mobile with a Larsen 5/8 wave on VHF (2M) and run the high power on 6M (hamstick), with only a couple feet separating them on the roof of a
vehicle you can induce over 20 watts of power into your VHF antenna jack, this promptly smokes D6 filter switching diode. The Larsen 5/8 is close to resonance for 6M and does a fair
job of coupling the 6M power into the 2M antenna jack . I tested a simple 1/4 wave and the pickup was very low, way below half watt. Of course ICOM graciously repaired mine, after that
boneheaded stunt, under warrantee and returned it 2nd Day UPS.

Thought I should pass this along lest anyone else unsuspectedly gets that odor of "cooked diode" permeating the inside of your vehicle

73's

Dick Wb7ond

1997. FS BIG 4 PIN SOCKETS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: centrak@en.com
Message-ID: <4mmdi1$bct@antares.en.com>
Source record: 201484

Gentlemen,
I have approximately 20, N.O.S. made by JOHNSON for tubes
such as the 211 (VT-4C) available at $15 a piece.

TNX
Mark Foltarz
KA4JVY

1998. Alinco Mods????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: wfine711@sierra.net
Message-ID: <4mm71p$fbc_001@nntp.sierra.net>
Source record: 201485
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Am looking for information regarding Alinco Dual Band Transceiver Rx
Mods.Please reply via direct email.Thanks and 73's wpf

**********_____********** William P. Fine KC7DGX E-Mail: wfine711@sierra.net
Voice: (702) 826-5634
Fax: (702) 826-1201 (Call to activate)
****

1999. Re: BA1404 fm-stereo transmitter chip

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Jim Smollon <jsmollen@utk.edu>
Message-ID: <4mmpm0$63o@gaia.ns.utk.edu>
Source record: 201486

jus@killn.time (D) wrote:
>
> I am looking for anyone who might have an interest in
> BA1404 through hole Stereo Transmitter Chips. I worked for this
> company that was contracted to create a FM-stereo transmitter for
> oanother company that was using it for commercial use. I helped
> design a board and had it FCC approved through Bell Labs.
> I now have 1000 BA1404 chips to sell if anyone is interested.
> dc@interaccess.com
Doug

Just a note, I have used these (BA1404) stereo xmtr chips in many projects
and they work great. I am using one in a xmtr now that sends the stereo
signal from a music equipment rack (stereo out from 16 channel mixer)
to a wireless stereo rcvr. I wear on my guitar strap. Works great.
.. low component count too, just my $.02 worth.

jim
ke4jq

2000. AV-3 antenna help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: pdrunen@aol.com
Message-ID: <4mmoto$fla@newsbf02.news.aol.com>
Source record: 201487

Hi,

I am trying to rebuilt my AV-3 which was taken out by hurricane Opal last year. Hope it don't happen again this year!

I need to know the lenght from the base to the first trap, the length in-between the two traps and finally, the top section lenght.

This information would be very helpful.

Thanks!

2001. Re: Out of Band Modifications for Radio Shack HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <831455262snz@microvst.demon.co.uk>
Source record: 201488

In article <charles.adams.107.000A8B74@ntc.nokia.com>
charles.adams@ntc.nokia.com "Charles P. Adams" writes:

> Besides, it has been posted here many times
> before that the RS handhelds are not modifiable for out of band operation. It

Is is common to use the HTX-212 as a handheld? How many hands does it
take to carry the rig, the lead-acid battery, an antenna and a mike?

It might just be easier to carry a around Buick as a really handy hold-all.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2002. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4mn30o$5bl@crash.microserve.net>
Source record: 201489

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>jackl@pinetree.microserve.com (WB3U) writes:

>>Gary, these numbers are seriously flawed. The fact that you
>>arrived at a necessary peak SPL of 152 dB for music should
>>have told you that immediately. If a typical speaker has a
>>rated sensitivity of 90 dB SPL at 1 watt/1 meter, then 152 dB
>>at 1 meter would require approximately 1.7 million watts!

>As I noted in the part you cut, 152 dba is obviously
>ridiculous,

You didn't say it was ridiculous. You claimed it was the actual
peak SPL that would be required to reproduce the dynamics of
live music in the home.

>which is why you have to restrict the musical span you can
>reproduce to less than the full 90 db offered by a CD.

First, most music does not consume the full 90 dB dynamic range
of the CD. Second, the full dynamic range of most music *can*
be achieved at reasonable power levels with the right system.
Regardless of all this, your numbers are still way out of line.
Even live music doesn't peak at 153 dB SPL (except for maybe the
cannons in the 1812 overture).

>That still leaves you with a range sufficient to require at
>least 13 db of dynamics. And if the average level requires 40
>watts, then the transient would require 800 watts.

I've already shown mathematically why 40 watts isn't necessary
in order to produce an average 80 dB SPL.

>Note well that those are just example numbers, and not
>necessarily representative of a particular system.

This sounds like you're trying to get your calculations off the
hook, but you can't do that and still propose these numbers.
There is no hi-fi speaker system in existence (other than
perhaps plasma drivers) that requires anything remotely close to
40 watts in order to produce an 80 dB average SPL at 2 meters
distance. That would be the equivalent of an efficiency of only
0.006%, which is a gross departure from *all* real-life systems.

>Ok. I don't know what reference you're using for that scale.
>I was using the A weighted scale on my sound level meter which
>is in dba, where 'a' corresponds to a certain audio power level

>at the microphone input stated in something like microbars or
>whatever (the calibration sheet isn't handy).

Unfortunately, I no longer have my texts listing the various weighting systems. I had thought the only difference was the time constant, but I may be wrong. If the sheet supplied with your meter indicates that there's more than this at work, then the meter won't be directly useful for speaker SPL calculations. SPL weighting aside, the two primary acoustic measurements that allow us to determine the system's capabilities most accurately are A) speaker sensitivity measured using a sine wave, and B) the peak SPL of the source, measured with a peak reading instrument.

For reference, all the numbers in the table I presented indicate maximum total *average* SPL for the various sources. That's why it was necessary to describe the average VS peak of the orchestra separately. Actually, I did make an error in that description, but I'll correct it at the end of this post.

Incidentally, I've never seen a chart that showed 100 dB SPL to be the threshod of pain as you stated. That would mean the low-efficiency 90 dB speaker in my example would cause pain at only 10 watts, something I know isn't true.

>Looks like you're using the threshold of hearing as a
>reference, but that's rather dependent on individual hearing.

0 dB is a precise reference that was established on the basis of the approximate threshold of hearing. The intensity level (IL) of 0 dB is 10^-12 watts/sq. meter, also equal to a sound pressure of 0.0002 dyne/sq. centimeter. Whether an individual can actually hear this isn't relevant to our discussion. We only need to know that he can hear levels above the ambient noise, which is nearly always much greater than 0 dB SPL.

>I think your quiet room number is too low, but I'll accept it
>since it makes the dynamic problem worse. Instead of a 40 db
>span as I postulated, we're now faced with reproducing a 80 db
>dynamic span.

You're not visualizing this correctly at all. The limit to the system is determined by the maximum SPL it can produce. The lower the noise floor, the greater the dynamic range capability will be.

>Some sort of logical error must have sneaked in there
>somewhere, above you are postulating it taking 1 acoustic watt
>to deliver 90 db SPL,

Gary, I've deleted much of what follows because it was based on this error. The "dB at 1 watt/1 meter" rating is a standard specification for stipulating loudspeaker sensitivity. It is

used throughout the audio industry. In this case, it means that the speaker I described will produce 90 dB SPL at a distance of 1 meter when driven by 1 watt of electrical power. This doesn't mean the speaker is delivering 1 acoustic watt, nor is 90 dB at 1 meter equal to 1 acoustic watt.

Just for informational purposes, 1 acoustic watt is pretty loud, approximately 112 dB at 1 meter.

At this point, I need to correct the error that I mentioned earlier. To do this, a better description of the sound power contained in the output of the orchestra is required.

The rating of 115 dB SPL is maximum average total pressure at 15'. The 20 dB peak to average ratio of the range of 200-400 Hz that I mentioned earlier is correct, but the maximum average pressure in this range is less than the total maximum average pressure of the entire orchestra. That is to say, total average pressure is the sum of the average pressure in *all* the various bands of frequencies, not just this one. The end result is that the maximum peak SPL (which is greatest at 200-400 Hz) is only about 5 dB greater than the maximum average total pressure. This affects both of my two previous examples.☐

First, consider the example in which the goal was to achieve 80 dB average SPL at 2 meters. We know from the previous calculations that 0.4 watts average power will produce this level. Therefore, rather than requiring 40 watts on peaks as previously calculated, we only need 5 dB more, or 1.3 watts. This should not be confused with the total dynamic range of the orchestra, which is still 80-85 dB.

Now, the original concern was only for a system that would deliver an average level of 80 dB SPL, but it looks like we have a considerable margin to work with at this point. Let's see what can be achieved with a moderate increase in power.

If it's assumed that the volume is adjusted so that musical peaks correspond to 1.3 watt, those peaks will be reproduced at a SPL of 85 dB at 2 meters in this system. Because the ambient room noise is assumed to be 35 dB SPL, this will only create about 50 dB of audible dynamic range. For every 10 dB that we increase the power however, another 10 dB of dynamic range will be gained. In this particular case, we could recover 70 dB of dynamic range with a system capable of producing 130 watts. Peak SPL under these conditions would be approximately 105 dB. This is more than sufficient to provide excellent quality sound at a level well above casual listening.

In my second example, regarding live listening levels, we now have a total maximum average SPL of the orchestra at 115 dB with peaks 5 dB above that, or 120 dB. This is measured at 15' from

the orchestra. The goal is to duplicate this same level at a distance of 2 meters from the speaker.

If we apply these numbers to the Klipschorn as before, more power is required than I previously calculated. This speaker produces approximately 105 dB at 1 watt/1 meter, which is the equivalent of 99 dB SPL at 2 meters. To raise this to 120 dB peak SPL would require a 21 dB increase, or approximately 125 watts peak.

Note that this requirement may be reduced by as much as 3 dB, because we have two speakers, not one. The final power required at each speaker will depend on the spatial location of the source of peak SPL. If the signal source is monophonic, two of these speakers could provide live peak listening levels with an amplifier capable of as little as 62.5 watts per channel.

Gary, with that out of the way, I want to go back to something you said previously regarding early speakers like the Altec Voice of the Theatre. In the 50's and early 60's there were many types of speakers on the market. Some of them were (and still are) the only speakers capable of producing live listening levels with any reasonable amount of input power.

An examination of the better designs, which includes bass horns, reveals that they share a common characteristic that caused their demise. Namely, they were designed for the music of that era. Those speakers worked just fine for the spectral diversity of an orchestra, but many of them had a lower cutoff of 100 Hz or higher, totally unsuited for rock or pop music. This was a necessary tradeoff in order to produce high efficiency speakers in a reasonably sized cabinet, but it was also this shortcoming that first brought the acoustic suspension speaker to the forefront. Once that occurred, the need for larger amplifiers followed quickly, because the newer acoustic suspension speakers were much less efficient than their predecessors. This trend continued and it eventually created a market in the 70's for amplifiers like the Phase Linear 700B, Crown DC 300A, Bose 1201, Dynaco 400 and many others designed to bring home hi-fi back to lifelike levels.

Klipschorn, on the other hand, represents the only speaker produced in the earlier era that exhibits both high efficiency and a frequency response suitable for rock music. It uses a folded (patented) exponential woofer horn capable of producing flat response down to approximately 32 Hz. It's an ingenious design that not only makes full use of a rectangular cabinet, but acoustically couples into the listening area in a way that causes the corner of the room to actually become the mouth of the horn. Aside from a few inferior takeoffs (most from companies later sued by Klipsch), there has never been another speaker of this type. The bass output is absolutely thunderous

and the available SPL can make a grown man cry.

I'm only mentioning this because of your earlier statement that horn-type speakers fell away due to audible phase shift within the drivers. Klipschorn is the only horn speaker ever sold to consumers that had a bass horn sufficient to provide extended low frequency response, and I don't think it's a coincidence that it's the only one of the lot that survived.

I also don't think it's reasonable for this type of speaker to be overlooked on the basis of phase shift, much concern for which is fostered by manufacturers that hold no patents and can't produce quality horns. The Klipschorn continues to be one of the finest speakers ever built, and its combination of high efficiency and excellent THD and IMD characteristics have yet to be equaled.

73,
Jack WB3U

2003. Re: Help with HT-202 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960507035932.25532C-100000@freenet2.afn.org>
Source record: 201490

Hi Tom here... I have a basic copy of the HTX-202 manual,
stored in a a Txt file form.... It can be sent over the modem for
ease of handeling. If this would help let me know, for it is a rather
long file.....
73 De Tom

2004. Re: YAESU FL2100 alteration

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4mn3pf$5bl@crash.microserve.net>
Source record: 201491

rmander@mopa.global.it (Roberto Manderioli) wrote:

>I heard somewhere that a modification exists to fit 811 tubes on a
>YAESU FL 2100 linear amplifier (it normally mounts 572B tubes).
>Does anybody have any information about that ?

Both tubes are roughly the same size and fit in the same socket,
so physically, it's a direct swap. The 811A has a plate voltage
rating of 1,500 V though. What's the voltage in the FL2100?

73,
Jack WB3U

2005. Help: KWM-2 VOX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Norm Hammar <norm@cqg.com>
Message-ID: <318F3FF2.7FF9@cqg.com>
Source record: 201492

I need some help with a Collins KWM-2 Vox. It keys when I turn up the gain, but will not UNkey. Turning the anti VOX does not do it nor turning the VOX delay time pot. Any help would be greatly appreciated. Thanks

2006. NEWBIE needs advice !!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: pthom@nr.infi.net
Message-ID: <4mnfpg$kie@nw002.infi.net>
Source record: 201493

I've been into CB (no flames, please!) for a long time, esp. because
I'm a professional driver. But I've had an interest for some time in
Ham. I'd like to find a *decent* but not *too* expensive all-band HF
that will also do 11 meters. Thought I might like a Kenwood, assuming
it could be mod. for 11M, but there seems to be a great deal of
dissatisfaction with them expressed in this NG.
I need a fairly *small* unit that can be used mobile, and will be
taken in and out of the truck very often. IOW, it HAS to be durable!

So.... any recommendations for a heavy-duty, yet small, all-bander,
easily modifiable for 11M, that doesn't cost a small fortune?
And, BTW, any antenna rec's as well would be appreciated.... keeping
in mind that I'm basically going to have to use ONLY ONE (maybe 2, if
I can figure how to mount them).

All help appreciated..... Cheers!

P. Thompson
Sui Juris

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

mQENAzCWU0YAAAEIALVjmHoIlCLYCpdQgeoeTZnGmb2DHZGfWxY6C5zS7Kii/nG5BMx8utNPTwThj2puueUOs+lnJR
Qhlw4Tl7JyrTYTTMMAbyGPjjrQ8E9hh5lmerLziNvZizInnJLqPu0kIvAzzWRNAGr7EOOJOOdaytbJ4Tfc3Zifo/O8
n3ain4T4wD1dGTCbTgv+tPXS6YIfWB9SeAKeXHBrQl0gghEnZIDuUS+eQyDJqERQREOvn0ijJj4d3h7wZmc1b4BphW
BEYl4mXCBlSGiFhsZ9iH3TyZ5gU/bYsE29Bbdrpk9MyzuM/CGbs9RrZSxxme4zB1niYUbINE/ntbKYylPHRQvPGw0A
BRG0JlBoaWxpcCBHLiBUaG9tcHNvbiA8cHRob21AbnIuaW5maS5uZXQ+=YOiF
-----END PGP PUBLIC KEY BLOCK-----

2007. Swapping HT Accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: kleerdex@epix.net
Message-ID: <4mnej4$964@guava.epix.net>
Source record: 201494

After the recent untimely demise of my IC2-SAT, I am looking for a replacement. The QST artical on small 2m HT's was well timed and has me leaning toward the Yaesu FT-11R, but I have a couple of questions:

Does the Yaesu accept the speaker-mics that work on Icom, specifically the R/S mic and the same TNC connections?

Can the filtered 12v cigar lighter adaptor for the Icom be used on the Yaesu?

What is the experience of those reading with this rig? Is OK?

Thanks! =Vic=, WA4THR

2008. Re: Help a newbie -- Icom W31A, Z1A or W2A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: TOPS H/W Coop <topshw@nortel.ca>
Message-ID: <318F415B.2F05@nortel.ca>
Source record: 201495

Dave Alden wrote:
>Anyone know why the Z1A is "on sale" for $100 off? According to the

It's an Icom thang. They haven't sold as well as the W31a for some unknown reason. I used all three of the HTs your talking about. The biggest difference in the Z1A & the W31a is the bulit in remote mic. On the Z1A the head pops off and can be attached to a special (comes w/radio) cable to be used as display spkr mic. Nice feature if you need it. I have been real happy with my W31A.

Give CHQ a call. They have been very helpful in supplying me with equipment and knowledge. They have a web page too:
http://www.wilmington.net/chq

73s
Dennis KC4YOU

2009. Swan Finals--8950s Data

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: rmmiller@ix.netcom.com
Message-ID: <4mmmbt$ido@dfw-ixnews2.ix.netcom.com>
Source record: 201496

Restoring an old SWAN 700CX/SS16 rig and while the finals seem to be in satisfactory condition, finding these old rascals may be somewhat problematic. Would like to find data that speaks to the interelectrode capacity between the tube's various elements. Transconductance would also be interesting. The ARRL handbook lists a few hefty sweep tubes with dissapation in the nnear 40 watt range with a pin out close enough to the 8950s that a direct plug-in swap would be possible, but the replacement tube (6MH6 I believe) has fairly high interelectrode capacity (about 40pf grid to cathod) and a fairly high output capacity as well--Will probly function on the lower bands, but on 15 and 10 meters the tank may require some retapping of the inductor to restore the tank to resonance. Any help would be appreciated.

73,

Bob, KE6F

2010. Yaesu FT-107M - 30 meter option???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: dolsonj@ix.netcom.com
Message-ID: <4mnfpa$1hk@dfw-ixnews7.ix.netcom.com>
Source record: 201497

My Yaesu FT-107M's band switch has two AUX positions (AUX-1 and AUX-2).
Is it possible to put the rig on two other bands by using the proper
crystals, etc??? The manual does not discuss the AUX positions at all.

Also, does anyone know of a source for mod's to the rig?

Tnx
Jim
WB8ZBD
dolsonj@ix.netcom.com

2011. Re: Amplifier Connection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: <>
Message-ID: <4mnjvg$agg@chile.it.earthlink.net>
Source record: 201498

In <4m3hd4$1i3@comet2.magicnet.net>, armck@magicnet.net (Ray McKeand) writes:
> I have a Yaesu FT-840 and need to know if there is something extra
>in connecting a Ameritron 811 to it. Do I need anything other than the
>coax, and the ALC. Is a switching relay needed in lieu of the ALC
>connection? Don't want to mess it up.....Thanks....Ray - KE4UYN

I have an AL 811 hooked up to my TS850. Basically, in addition to the
coax connections, there are two other connections: the keying relay connection
and the ALC. These are standard RCA connections in the back of the AL811.
On my 850, the output for these functions was a DIN connector. Therefore,
I had to fabricate a cable that had the DIN connector at one end, and two
RCA male plugs on the other.

The keying relay cable keys the amp, and is essential. The ALC plug enables
the amp to tell your transceiver to limit its output into the amp to a maximum,
thereby preventing overdrive of the amp. This connection is not essential,
but is a nice feature.

I am also using the QSK-5. If you have any questions about the amp
or the QSK 5, let me know.

Roger, AB6WR
rogerjb@earthlink.net

2012. Re: Need info on Ameritron QSK-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: <>
Message-ID: <4mnkg1$agg@chile.it.earthlink.net>
Source record: 201499

In <DquF1A.LHy@iglou.com>, n4lq@iglou.com (Steve Ellington) writes:
>Does anyone know anything about the QSK-5 adapter?
>
>Does it have a seperate receiver output which goes to the aux
>receiving antenna on the transceiver?
>
>Why would it get hot and require fan for higher power? Does it consume
>a certain amount of RF power?

I'm using the QSK-5 with my TS850 and AL811 amp. I use it primarily
for Amtor and Pactor, both of which require fairly good QSK.

As far as the Aux antenna question goes; I don't understand your question.
It is simply a switch; it keys between the transmit function and the
receive function in your transceiver, using whatever antenna the transceiver
is using.

Since it is switching a considerable amount of RF, apparently some of this
energy does create heat. I use the aux fan adaptor since I'm using high-duty
cycle modes.

Roger, AB6WR
rogerjb@earthlink.net

2013. FS: Yaesu FT-990

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: "Douglas P. Regulinski" <dpr2@cornell.edu>
Message-ID: <318F5860.13D5@cornell.edu>
Source record: 201500
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,cornell.marketplace

I hate to do it, but I've finally decided to part with my Yaesu FT-990
HF transceiver. The radio is in absolutely like new condition. It is
about 2 1/2 years old and has received little use over the last year and
a half. Of course, I have the original packaging and documentation.
I'm asking $1775 - I ship.

If you're interested or want more information, please email or phone.

Doug N2QAN
dpr2@cornell.edu
(607) 253-0248 8AM-midnight EDT only please

2014. Re: Low Transmit Audio IC-2410

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4mnktp$b33@rock101.genie.net>
Source record: 201501

kn4aq.gary@mms.net (Gary Pearce) writes:
>The dealer I bought my 2410 from gave me an HM-14 mic. It lacked the
>autodial memories, but A/B comparisons showed it provided more mic
>gain, and better fidelity.

I asked my question over on Compuserve and the ICOM Tech Support rep said the "standard fix" for this problem is to remove the zener diode across the microphone element. I will give this a try and see what happens. Thanks to all here for their responses.
--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

2015. Re: MAY 4 KANSAS CITY HAMFEST << IT STUNK! >>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: bowman@montana.com
Message-ID: <4mnncb$6lu@maw.montana.com>
Source record: 201502

In article <1996May5.172615.119267@kuhub.cc.ukans.edu>, Sandra Kinion
<wn878@freenet.victoria.bc.ca> says:
>Remember, this was a hamfest held in a major metro area! This all
>makes me wonder what the really big hamfest (Dayton) was like?
>Is Kansas City just a sucky place for a hamfest, or is the hobby of ham
>radio slowly slipping away?

i've been to several hamfests in the Phoenix area, and i was wondering
the same thing. if i'm real lucky, i might find a couple of air variables.
i haven't seen much in the way of working radios. this is in an area
where there is a very active weekly swapnet, so i have to assume that
hamfests just aren't cutting it anymore.

then there was the Butte, MT fest. five bucks admission, and almost
nothing inside.

2016. WTB: Unbuilt Heathkit HW8 or HW9

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: ka3vsp@voicenet.com
Message-ID: <4mnrni$l7d@goodnews.voicenet.com>
Source record: 201503

Hello. I am looking for an unbuilt Heathkit HW8 or HW9. Kit must be
complete with docs.
Please send me $$$ info and condition via email ka3vsp@voicenet.com.
Thanks.
Brian Pasternak

2017. NEED MOD FOR IC-228H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4mnseu$n2e@newsbf02.news.aol.com>
Source record: 201504

Hello,
Wondering if anyone knows the MOD for outta band receive only for an
ICOM 228H. I would like to receive outta band cause I am a member
of a local (EMA) Emergency Management Agency and this way I
can monitor my groups frequency while driving in the car.

So, if you know what the MOD is for the ICOM 228H mobile please
EMAIL me back A.S.A.P.

Thanks for your time....

N9MXT1 - Jeffrey

2018. IC-730 PreAmp Problem: Help?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: sbryant@wco.com
Message-ID: <4mnt61$861@news.wco.com>
Source record: 201505

Hello-

I have ICOM IC-730 that appears to be having a problem. When I press the PreAmp, the volume actually gets softer instead of louder. Has anyone else experienced this problem? If so, what was the fix and is it somethings that could be done without sending the rig to ICOM for repair?

Any information will be greatly appreciated.

73s
-Steve B., N6EQY

2019. FT-50 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Clyde Soles <Clyde_Soles@nile.com>
Message-ID: <318F7BB0.1AE4@nile.com>
Source record: 201506

Can the Yaesu FT-50 be modified for out of band? Has anyone done it?

TIA

2020. YAESU AT-180 Tuner (for IC-706)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4mnvle$4a5@pacific.mps.ohio-state.edu>
Source record: 201507

In what was possibly my most extreme act of silly impulse buying, I shelled out $500 for an AT-180 tuner for my Icom 706. I used it last night and was very disappointed. For example, on an 80meter inverted vee which is resonant at about 3700KHz, it wouldn't produce an acceptable match at 4000KHz. It wouldn't match the 80 meter antenna on 40 meters. I'd be interested if there are any other folks out there who have tried this tuner, and what their impressions are.

Jim W8ZR (sadder, but probably not wiser)

2021. Q: HT-1000, VISAR Connections

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: cn1135@abaco.coastalnet.com
Message-ID: <4mo0kr$bqa@treasure.coastalnet.com>
Source record: 201508

Would anyone share the pin-out for the connectors of the visar and ht1000? I would specifically like to know which contacts are code-plug data and ground. Also, if anyone has any bad speaker/mics, or just the cable ends please let me know.

Thanks in advance!

M. Prescott

2022. Hallicrafters S108 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4mo2a3$g0a@pulp.ucs.ualberta.ca>
Source record: 201509

Hello,
Just spent the weekend cleaning up an old Halli S108. I know that this one is not the cream of the crop, but it works fine. It has a small crack on the glass, and is missing one knob. It is also missing the dial lamp for the main tuning window. Does anyone know what the replacement is for this one? Also, I have a Heathkit HRA-10-1 100KC Xtal calibrator that goes with the radio. It doesn't have its tube, and I am wondering what tube it requires. Lastly, the internal speaker is missing, and I am curious about the impedance for a replacement.
Thanks for any assistance,
Chris VE6RDC

2023. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mo38a$p2d@newsbf02.news.aol.com>
Source record: 201510

In article <4mn30o$5bl@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>
>At this point, I need to correct the error that I mentioned
>earlier. To do this, a better description of the sound power
>contained in the output of the orchestra is required.
>
>

I hope you don't mind my butting back in, but the subject of correcting
errors brings something else to mind.

In an earlier post Gary said:

>One is the performance of the amplifier in clipping, and the other is
performance
>of the amplifier before it reaches clipping, IE ordinary distortion
>due to a nonlinear transfer characteristic. The latter is always
>undesirable, while the former is inevitable when an amplifier is
>heavily overdriven, and can only be ameloriated by good circuit design,
>IE the higher order odd harmonics can be attenuated by suitable output
>filtering. The output transformer can serve that purpose for most
>tube amplifiers.

I notice that while Jack freely corrects and supports his statements, Gary
remains silent about the comments he made above. This puzzles me, because
while new data is freely presented some old very questionable statements
at the heart of the original discussion remain ignored.

Gary, my questions were and are:

1.) If the harmonics (or any distortion product) are within the range of
hearing, how can a transformer attenuate them without attenuating desired
signals also?
.
2.) What technical facts support your statements related to why a
practical amplifier, when it "clips" or distorts, only generates odd
harmonics?

I assume you didn't read or receive the earlier questions, or forgot to
reply.

73 Tom

2024. SuperMorse question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4mo2ib$g0a@pulp.ucs.ualberta.ca>
Source record: 201511

Hello,
I just bought the May issue of Ham Radio Today from Britian at my local newstand. It came with a free disc of the latest version of the SuperMorse code software. The disc does not work properly, and instead of sending it back to Europe, I am wondering if there is somewhere on the Net where I may find the lastest version of the software.
Thanks,
Chris VE6RDC

2025. Tektronix 492 Spectrum Analyzer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: pitt <pitt@aplcomm.jhuapl.edu>
Message-ID: <Dr1tz6.nI@aplcenmp.apl.jhu.edu>
Source record: 201512

Works great, I'm using for finding new frequencies.
New $14000 Want $1500 - OBO
E-Mail Only and only if ready to buy.
Sale open until May 14, 1996 -
After that it's off to the Pawn Shop.

2026. TS120S Problem - Pse Help!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Marinus Willemstijn <willemma@telkom19.telkom.co.za>
Message-ID: <4mo4ih$2s9@newnews.iafrica.com>
Source record: 201513

Thank you for reading this...

I hope you can maybe help me. I have a Kenwood TS120S. I have a problem on it which no one can help me with. Not even the agents as the previous owner did take it there.

Everything works 100%. Rx and TX is 100% except for one thing. When the TX is keyed in ssb mode without modulation it draws a current of about 15A.There is however no power output(while not modulating). When another RX is put closeby and you key the TX a tone is generated on the RX about 2khz of frequency. If you however modulate(talk) on the rig there is no problem with the ssb output and good signal reports is received except of course that the current drawn stays 15A. The ALC meter also function OK and only goes up on modulation like it should. I have however found that CW output is only about 50W but I do not think its related to this problem. Could you please assist me by telling me where to look to see why the rig draw such a lot of current when its not being modulated. RX current is normal. The rig is usable as it is but I don't think my PS30 power supply will last.

The rig does the same in a dummy load.

Your assistence will be greatly appreciated.

Marinus Willemstijn ZS6MAW
Voice : +27 12 3256503
Fax : +27 12 3114438
Internet : willemma@telkom19.telkom.co.za

--
Marinus Willemstijn
Tel +27 12 325-6503
willemma@telkom19.telkom.co.za

2027. Re: SuperMorse question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: jyazel@freenet.columbus.oh.us
Message-ID: <4mocau$df4@acme.freenet.columbus.oh.us>
Source record: 201514

Chris Dorn (cdorn@gpu.srv.ualberta.ca) wrote:
: Hello,
: I just bought the May issue of Ham Radio Today from Britian at my local
: newstand. It came with a free disc of the latest version of the
: SuperMorse code software. The disc does not work properly, and instead of
: sending it back to Europe, I am wondering if there is somewhere on the
: Net where I may find the lastest version of the software.
: Thanks,
: Chris VE6RDC

You can get it at FTP location: oak.oakland.edu

/pub/hamradio/dos/theory-and-morse

The file name is sm410.zip

Jack - W8RAG

2028. Re: Icom IC-2KL with Kenwood TXRX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: ct1btj@mail.telepac.pt
Message-ID: <4moi3s$9m9@vivaldi.telepac.pt>
Source record: 201515

gnmcd1@mugc.cc.monash.EDU.AU (Mr GN Mcdonald) wrote:

> To: ham-equip@ucsd.edu
> Subject: Icom IC-2KL with Kenwood TXRX?

> Message:

> Following for someone having posting problems:

> I use a Kenwood TS-870 and have been offerred an Icom IC-2KL
> linear amp. Has anyone used this with a late model Kenwood
> TXRX? Any problems with ALC or TXRX switching? The manual
> seems to infer that the amp. will not work without ALC
> connected ..
> Please post replies to damien.vale@airservices.gov.au

> Damien VK3CD

Hello Damien
I have no idea but i'am interested to buy an ic-2kl . In Portugal it's
very dificult and it's very expensive to do that..

Are you interested to sell your's ?????

ct1btj@mail.telepac.pt

2029. Yaesu Ft 767 GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: ct1btj@mail.telepac.pt
Message-ID: <4mohji$984@vivaldi.telepac.pt>
Source record: 201516

I Need Vhf, Uhf , and 6 meters moduls for this Equipement.

Thank you
CT1BTJ@mail.telepac.pt

2030. Re: Viking Ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Roland S Geter Sr <wb6lna@dancris.com>
Message-ID: <4mo72f$768@news1.goodnet.com>
Source record: 201517

If you have a Viking Ranger, Bob, I', interested in making an offer.

73,s

Roland S. Geter PhD - WB6LNA/7
800-399-4383 x765 anytime 24hrs
Internet: wb6lna@dancris.com
roland@dancris.com
ax25: WB6LNA@kc7y.az.usa.noam

_____
| |
| Visit our Web page for brand new manufactured |
| Replica Collins Radio Accessories |
| and tell others. |
| IF IN BROWSER CLICK HERE |
| http://www.dancris.com/romad/ |
|_____|

2031. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <4mo9s0$d68@nonews.col.hp.com>
Source record: 201518

Anonymous (nobody@mockingbird.alias.net) wrote:
: bobw@col.hp.com (Bob Witte) writes:

: >The other thing that's going on is that some folks don't politely
: > inform, they flame away. Sorry about that.

: No one has been flamed. Mr. Burger only sent a copy of the FAQ.

I stand corrected, Mr. Anonymous.

Bob KB0CY

2032. Re: << HELP >> HOW MUCH SHOULD I PAY FOR YAESU FT-101E ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: tomz@premier1.net
Message-ID: <Dr1xvp.5Go@data-io.com>
Source record: 201519

In article <1996May3.234815.12882@freenet.victoria.bc.ca>,
wn878@freenet.Victoria.BC.CA says...
>
>
>I have decided that the new ham rigs are just out of my reach for now,
so
>I have decided to look for an older model in excellent condition.
>
>Someone recommended the FT-101E, but I have no idea of how much I should
>pay for an older set like this.
>
>I would really appreciate any help or pointers that anyone can send my
way.
>
>Thanks!
>
>Sandra Kinion
>Kent, Washington

Hi,
I saw a number of them going for about $250ish at the Mike and Key Club's
Hamfest although they were not selling real fast. I just picked up one
that had just had new finals installed for just under $200.00 from a
friend a few monthes ago and think that was a reasonable price. I am
real happy with the one I have.

You might want to check on the Swapnet I think it is on Saturday or
Sunday morning and starts around 8:00 - 9:00 AM on 145.330.

Have fun
Tom
KC7PMQ

2033. Anyone use a LOG PERIODIC antenna for VHF/UHF?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <4mogta$9kb@ns3.iamerica.net>
Source record: 201520

Hello,
I am looking for someone that is using a LOG PERIODIC antenna for VHF and UHF. Maybe something like the Tennadyne T-31 or the Create Antenna's. I would like to know how well they perform. Please email me if you have used such a antenna.

Thanks
dwhowell@iamerica.net

2034. Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <831505842snz@microvst.demon.co.uk>
Source record: 201521
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I know this one was discussed thoroughly before, but I had less interest at that time and so I wasn't taking notes. Could I hear any views on the comparative advantages of the AEA and MFJ analysers in terms of accuracy, versatility and features. I am interested in both MF/HF and VHF, but I am willing to consider separate units for the different band ranges.

TIA.
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2035. Re: opinion on Alinco DJ-582T and Yaesu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <639.6700T1033T995@nycmetro.com>
Source record: 201522

>You may want to check out the new Yaesu dual band 50R. It's very small in
>size,5w output, exellent audio, wide band coverage (76-200,200-540,590-999),
>mil-spec 810.

>--

>Greg Ottria
>San Leandro, California
>Amateur call KE6PTP
>E-Mail gottria@earthlink.net

Any Idea what the going price on this radio is?

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2036. Re: Help with HT-202 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <996.6700T1050T1194@nycmetro.com>
Source record: 201523

>In article <729.6698T808T2709@nycmetro.com>, midgard@nycmetro.com (SARUMAN)
>says:
>>What I'm trying to figure now is when in M-VFo mode and I hit M-Set and
>>run thru the menu items I get to set a bunch of things such as:
>>
>>oS (which I figured out is the Repeater offset)
>>Ar touch tone auto reply on/off
>>Lb priority channel lookback time
>>To transmit timeout
>>tE transmit inhibit
>>P5 power save duty cycle
>>ud vacant channel scan direction
>>S2 upper scan limit
>>S1 lower scan limit
>>5d scan delay time
>>Sc scan resume
>>Sr frequency step
>>rc (which I figured out is PLL decode)
>>tc (PLL to Tx)

Thanx for the info Robert.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2037. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <1335.6700T1051T2593@nycmetro.com>
Source record: 201524

>>: an HTX202 that he uses with the remote speaker/mic, and even
>though his
>>: signal is S9, the audio is very low. I hope that someone can
>point me
>>: to a fix for his problem.
>>
>>Sounds silly, but make sure he's speaking into the microphone -
>located
>>in the bottom-right of the RS Speaker-mike. Makes a world of
>difference!
>>
>>
>>clint.bradford@atdbbs.com
>>

>Come on Clint the HTX-202 low deviation problem is long standing and
>well known. I know you think the Tandy stuff is great but they have
>some serious QA problems and most of all at the retail level they just
>don't have a clue. The problem stems from the deviation adjustment
>telling the guy to speak into the mike is a cheap shot.

>To the original poster there is a deviation adjusrment I can't remember
>just which pot it is but I am sure someone here can help you. Don't
>mind Clint he just has a lot of Radio Shack stock.

> 73 Jerry

There's a file detailing how to fix this at oak.oakland.edu via FTP

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2038. Re: What's Going On Here, folks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4modfa$dl3@itnews.sc.intel.com>
Source record: 201525

bobw@col.hp.com (Bob Witte) wrote:
>Anonymous (nobody@mockingbird.alias.net) wrote:
>
> No one has been flamed. Mr. Burger only sent a copy of the FAQ.
> I stand corrected, Mr. Anonymous.

Somebody sent me an anonymous email falsely accusing me of sending
anonymous email. I do not engage in cowardly acts like that.
Would everyone who wants to violate the guidelines of this
newsgroup please just go off and form another newsgroup with
different guidelines?

73, Cecil, KG7BK, OOTC (not speaking for my employer)

2039. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: zawodny@primenet.com
Message-ID: <4moldt$fc2@nnrp1.news.primenet.com>
Source record: 201526
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Michael Blankenship <mblank@topeka> wrote:

>sheeesh....

>This has been one of the best non-confrontational discussions I have seen
>in a long time. For those of you who could care less about adding to your
>obviously limited knowledge I would suggest not even opening up the subject.
>After all, it's been running for some time and you know what it's about...
>if it doesn't interest you - don't read it for crying out loud.

>On 6 May 1996, gary wrote:

>> Mark Oppenheim <Mark@Tetherless.com> wrote:
>> >Can this thread be moved to:
>> >
>> >alt.tubes.obsessive ?
>> >
>> >Mark
>> >
>
>> ACTUALLY, it's more like; alt.IwannashowtheonlookersI'msmarterthanyou -
>> otherwise, this could all have been better addressed by direct E-mail
>> between the posters...
>> --
>> Gary....KJ6Q *** I AM THE NRA! ***
>>
<Lurk mode off>

Hey, I've enjoyed and learned from the whole exchange!

I wouldn't have missed it for the world.

Besides no one has been forced to read it...

Dave....WD8DZB

<Lurk mode on>

2040. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4momsm$edi@mule2.mindspring.com>
Source record: 201527
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

"Anthony R. Gold" <tgold@microvst.demon.co.uk> wrote:

>I know this one was discussed thoroughly before, but I had less interest at
>that time and so I wasn't taking notes. Could I hear any views on the
>comparative advantages of the AEA and MFJ analysers in terms of accuracy,
>versatility and features. I am interested in both MF/HF and VHF, but I am
>willing to consider separate units for the different band ranges.

>TIA.
>--
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

Tony, I have the MFJ 259 and love it. MFJ has finally made a great
instrument. I can check any antenna for between 1.7 and 170MHZ and
know if that 2 to 1 is 100 ohms or 25 ohms. You can adapt the unit to
a GDO and use the digital freq counter for aligning a receiver.

Either unit could be overloaded by a nearby BC station.

I don't use my GDO or noise bridges any more!

Dave K4JRB

2041. Re: SuperMorse question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Jim Wagner <jimw@nando.net>
Message-ID: <318FD7BE.205E@nando.net>
Source record: 201528

Chris Dorn wrote:
>
> Hello,
> I just bought the May issue of Ham Radio Today from Britian at my local
> newstand. It came with a free disc of the latest version of the
> SuperMorse code software. The disc does not work properly, and instead of
> sending it back to Europe, I am wondering if there is somewhere on the
> Net where I may find the lastest version of the software.
> Thanks,
> Chris VE6RDC

Try this:

http://www.sinica.edu.tw/simtel/simtel_index_hamradio.html

Look for file sm410.zip

73 de Jim, N4SVZ

2042. Re: ic-706 antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: "David H. Malin" <aa6rv@earthlink.net>
Message-ID: <318FEC00.64D1@earthlink.net>
Source record: 201529

cn2304@coastalnet.com wrote:
>
> I wanted to pass along, if you use your 706 mobile with a Larsen 5/8 wave on VHF (2M) and
> run the high power on 6M (hamstick), with only a couple feet separating them on the roof
of a
> vehicle you can induce over 20 watts of power into your VHF antenna jack, this promptly
> smokes D6 filter switching diode. The Larsen 5/8 is close to resonance for 6M and does a
fair
> job of coupling the 6M power into the 2M antenna jack . I tested a simple 1/4 wave and
the
> pickup was very low, way below half watt. Of course ICOM graciously repaired mine, after
that
> boneheaded stunt, under warrantee and returned it 2nd Day UPS.
>
> Thought I should pass this along lest anyone else unsuspectedly gets that odor of "cooked
> diode" permeating the inside of your vehicle

Hi Dick,

Did you by chance use a Duplexer? That might have saved you that little problem.

73's Dave
--

****
* *
* Dave H. Malin *
* 30447 N. Sunrose Pl *
* Canyon Country,Ca 91351 *
* Home 805-298-0300 *
* Work 213-485-2918 *
* ---------- *
* Communications Electrican *
* City Of Los Angeles *
* ---------- *
* TSgt 146 Aero Medical Evac Sqn *
* California Air National Guard *
* ---------- *
* Old West Lodge No. 813 F.& A.M. *
* Southern Calif Harley Riders Ass *
* AA6RV Amatuer Radio Call Sign *
* *
****

2043. Re: AV-3 antenna help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Doug Person <ki6bq@ibm.net>
Message-ID: <318FF5BA.8A4@ibm.net>
Source record: 201530

PDRUNEN wrote:
>
> Hi,
>
> I am trying to rebuilt my AV-3 which was taken out by hurricane Opal last
> year. Hope it don't happen again this year!
>
> I need to know the lenght from the base to the first trap, the length
> in-between the two traps and finally, the top section lenght.
>
> This information would be very helpful.
>
> Thanks!Thats a Cushcraft I believe. You might try their website www.cushcraft.com and see if they have a manual online. Otherwise, I have obtained replacement instructions from them quickly.

2044. HAMEFESTS IN AUG NR OKC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: af4s@icanect.net
Message-ID: <af4s-0705962022420001@ascend06-48.icanect.net>
Source record: 201531

Does anyone know about local hamfests during the last 10 days of August near Oklahoma City? Will be there TDY! Tnx AF4S, Steve

2045. CAN YOU IDENTIFY THIS MICROPHONE? << HELP >>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Bill <debral@falcon.cc.ukans.edu>
Message-ID: <1996May7.191856.119401@kuhub.cc.ukans.edu>
Source record: 201532

I have an old Turner microphone that I hope one of you out there can help
me identify.

Here is the description:

MANUFACTURER: Turner

TYPE: Desk mic (push-to-talk)

VINTAGE: Late 1950s to early 1960s (best guess)

DESCRIPTION: The microphone is satin chrome plated, with
a black plastic "push-to-talk" bar located
in the base (at the front). Overall height
is approx 8 inches.

The Turner logo is in red and chrome, and is
located in the center of a shiny chrome,
perforated screen.

When placed on a level table, the vertical portion
of the stand slants AWAY from the user at
about a 10 degree angle.

The overall appearance of this mic is VERY
streamlined.

It is all one piece (as opposed to, say, an
Astatic D-104 that has a very distinct
transition from the removable crystal element
to the UG-8 stand).

On top of the mic element housing is a small "fin"
that gives this mic a very 1950s look.

This appears to be a DYNAMIC type microphone. Removal of
the mic element reveals a small impedance (Z) matching
transformer.

ADDITIONAL INFO: There is a picture of this mic on page 9 of the
ARRL publication "Understanding Amateur Radio" by
George Grammer (first edition, 1963).

Please e-mail if you have an ID on this one, or if you need any additional
information.

73s,

Bill Worthington
AA4FM/0
Eudora, Kansas, USA
debral@falcon.cc.ukans.edu

2046. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: crowe@geovax.geo.wvu.edu
Message-ID: <Dr1C5r.2or@cerc.wvu.edu>
Source record: 201533

In article <4mk473$f3b@dfw-ixnews8.ix.netcom.com>, kc5egg@ix.netcom.com(Gerald Schmitt)
wrote:
[snip]
>>: I'm sure I saw a reference to a fix for this problem, but I
>haven't
>>: been able to locate it via any of the www search engines. A
>friend has
>>: an HTX202 that he uses with the remote speaker/mic, and even
>though his
>>: signal is S9, the audio is very low. I hope that someone can
>point me
>>: to a fix for his problem.
>>
>>Sounds silly, but make sure he's speaking into the microphone -
>located
>>in the bottom-right of the RS Speaker-mike. Makes a world of
>difference!
>>
>>
>>clint.bradford@atdbbs.com
>>
>
>Come on Clint the HTX-202 low deviation problem is long standing and
>well known. I know you think the Tandy stuff is great but they have
>some serious QA problems and most of all at the retail level they just
>don't have a clue. The problem stems from the deviation adjustment
>telling the guy to speak into the mike is a cheap shot.
>
>To the original poster there is a deviation adjusrment I can't remember
>just which pot it is but I am sure someone here can help you. Don't
>mind Clint he just has a lot of Radio Shack stock.
>
> 73 Jerry
>

He's right...speaking into the mike makes a big difference...the thing is
fairly dirrectional. However the deviation adjustment is pot R101 I believe.
It is located upper right about 1" down and 1" in on the circuit board.
Carefull...this pot is sensitive and it's as easy to get too much deviation as
not enough. Fixed the 'speak up...can't hear ya' reports on mine.

73's Randy N8OZY

2047. kenwood th-22 range expansion

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: f.seganti@agora.stm.it
Message-ID: <4mncq7$d0i@mikasa.iol.it>
Source record: 201534

I'm looking for the right procedure to change the TX/RX range of TH22-E.
Factory limits are 144.00 to 146.00 MHZ, I need to expand the operative range
from 140.00 to 170.00 Mhz..
thanks in advance fabio

2048. IC-Z1A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: "spade@onramp.net" <spade@onramp.net>
Message-ID: <31901FF9.3C69@onramp.net>
Source record: 201535

It seems to be becoming a frequent topic. I am looking for radio mods
for the ic-z1a. I have allready lifted one leg of the diode (?) to
extend the Tx/Rx capabilities and it seems to work fine. I wish it was
a little stronger though. Thanks in advance.

2049. Manual needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4mnj84$gf5@dfw-ixnews5.ix.netcom.com>
Source record: 201536

Hello all,

Over the weekend I picked up a AEA Morse Baudot ASCII reader model MBA-RO. I got no documentation with it. If anyone has a copy of the manual I would greatly appreciate a Xerox. I thought with this thing as a confidence builder I might do a bit more CW than I do now. Thanks for any help and I'll be glad to reciprocate or pay expenses.

73 Jerry KK5YY

2050. Kenwood 680 Faulty Sideband Access

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Bill Wise <wdlwjr@ix.netcom.com>
Message-ID: <318FB265.5927@ix.netcom.com>
Source record: 201537

My Kenwood 680 functions in all modes except upper and lower sideband mode. Can anyone that has experienced a similar problem advise as to a possible solution.

Please E-Mail response to: wdlwjr@ix.netcom.com

2051. Need help with B&W Codax Keyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4mo3od$ck7@news2.h1.usa.pipeline.com>
Source record: 201538

Help please with Barker & Williamson Codax Keyer.

Anyone familiar with this older (circa 1970) electronic
dual-paddle keyer? I would especially like to get a
manual, or at least a schematic, for it. Thank you.

73, Jim, KB7ET
kb7et@usa.pipeline.com

2052. Help Learning Morse Code

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: redge@intranet.on.ca
Message-ID: <4mocr0$f6b@news.bellglobal.com>
Source record: 201539

I've decided to take a shot at learning Morse Code with the intention of applying for a license in a couple of months. I don't know much about Morse Code or radio, except that I use an SSB marine radio sometimes. I did read an article that said that Morse should be learned at a rapid character rate, which makes sense. I have a software program that purports to teach Morse called NuMorse. Is this program good or is there something better? Should I get a keyer and oscillator? What kind of keyer? What make? Any advice would be appreciated. Thanks.

2053. Re: Butternut HF5B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Ken Neal <ir002126@interramp.com>
Message-ID: <318FE734.D59@interramp.com>
Source record: 201540

rchappel wrote:
>
> I am interested inany experiences any of the readers of this newsgroup
>
> have had with the Butternut HF5B antenna. I am considering a rooftop
>
> tower with this small antenna if there are no adverse charateristics.
>
> How 'bout it? Any opinions? good experiences? bad experiences?
>
> Will a small (Radio Shack) rotator handle this antenna?
>
> Bob Chappelear
> KI0AS
I had one and worked 200 countries. It was my first real HF antenna
and I had no problems, even using an amp. Also, the neighbors did not
complain about it as I took down a TV antenna and put up the Butternut.
When I took town the Butternut and put up a Cushcraft A3S they went
nuts!

Good luck!
KM4BW

2054. Kenwood TL-922A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: Ken Neal <ir002126@interramp.com>
Message-ID: <318FEC3D.51DF@interramp.com>
Source record: 201541

I have available a Kenwood TL-922A amp for sale. It is like new, had little use, non-smoker, and has had the 10 meter modification performed by the professionals at HRO. Sold and shipped to you for $1200.

Ken Neal
KM4BW

2055. Frage...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-07 00:00:00 UTC
From: junior@kaos.ndh.com
Message-ID: <68O-Y8ecNSB@kaos.ndh.com>
Source record: 201542
Cross-posted to: de.comm.ham,fj.rec.ham,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.shortwave

Hallo an Alle....

(ich gebs lieber direkt zu,das ich kein Amateurfunker bin)

Aber genau diesen Umstand mi¿½chte ich i¿½ndern und suche deshalb den
ni¿½chsten DARC im Raum Daaden-Burbach-Betzdorf ....

Schonmal Dank im Voraus,
Euer Sascha Contes

2056. Yeasu ftd x100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: achis@atcon.com
Message-ID: <4moomo$9rt@thor.atcon.com>
Source record: 201543

does anyone know how to activate a cw key on this rig ?

2057. Re: Out of Band Modifications for Radio Shack HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: bdn100o@cnas.smsu.edu
Message-ID: <4morhh$j7l@ursa.smsu.edu>
Source record: 201544

:>... looking for the modifications for a Radio Shack HTX-212 that will allow it
:>to transmit out of band.
: >John Scheiwe - KB9LTI
: >jscheiwe@tima.com

: RACES = Radio Amateur Civil Emergency Service = frequencies assigned TO the
: Amateur Radio Service. Out of band (the Amateur band, that is) is not
: permitted in RACES operation. Besides, it has been posted here many times
: before that the RS handhelds are not modifiable for out of band operation. It
: might have mad more sense if you had at least said you wanted to operate
: either CAP or MARS........

: Charles P. (Chuck) Adams WB5WRR Tel. +1 817 491 5838
: Nokia Telecommunications, Inc. USA charles.adams@ntc.nokia.com

The HTX-212 is a MOBILE unit. It IS modifiable for CAP/MAARS.
I believe in the first few pages of the manual tells/shows what needs to be
done. Of course, this does void the warranty.

Bryan Nehl User Support Specialist
bdn100o@cnas.smsu.edu SMSU - Computer Services
kodiak@gxl.woodtech.com http://www.gxl.com/~kodiak/

2058. User's Int'l TS-440 User's Supplement wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <12113.831515030@safety.ics.uci.edu>
Source record: 201545
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Hi all -

Anyone have a copy of the Kenwood TS 440 User's Supplement that
was put out by User's International (IRCI) that they would
sell to me or make a copy of to sell to me ....or loan to me
so that I can make a copy?

Clark
WA3JPG
csturner@uci.edu

2059. FOR SALE: IC-751A and PS35

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: paragon@usit.net
Message-ID: <4moul8$n3d@news.usit.net>
Source record: 201546
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I have an Icom IC-751A and PS35 internal power supply for sale. On a scale of 10, cosmetically it is about a 8.5, electrically it is a 10. The price is $800 shipped. Money orders only, please.

You can email me at my home address (paragon@usit.net) or for a quicker response, at work (newbyd@omniview.com).

Thank you,
Dan
WD4LUR

2060. Re: 8877 war stories? ur input

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: jkolin@cloud9.net
Message-ID: <4movfk$1jm@news.cloud9.net>
Source record: 201547

In article <4m34o9$86s@mule1.mindspring.com>, thompson@atl.mindspring.com (David L. Thompson) says:
>
>no9z@prairienet.org (Lynn D. Osterbur) wrote:
>
>
>> I am thinking of buying a HF amp which uses an 8877. I have heard
>>some stories about tubes failing. Do you have any personal experience,
>>good or bad? I guess reliability is the question. The amp has a
>>grid trip circuit. My second choice is an 3cx1200A7 or 3cx1200D7
>> Any comments appreciated. 73 Lynn
>>--
>I have found the 8877 to be very reliable. I have had an amp using
>them for 9 years and am on my second 8877. I have a source for almost
>new 400 to 900 hours of use at 25% of the current retail, too.
>
>Dave K4JRB
>

I have hombrew amp using one 8877. Tube is 16 years old. Many hours.
Still running fine. I keep filament voltage accurate within .25 volt
low suggested end of voltage.

Jay NE2Q

2061. National HRO Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4mp03h$2ve@news2.ios.com>
Source record: 201548

Still looking for an excellent to mint HRO receiver. Can you help? Dick Doremus

2062. National HRO Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: dinge@sugar-river.net
Message-ID: <4mp04v$2ve@news2.ios.com>
Source record: 201549

Still looking for an excellent to mint HRO receiver. Can you help? Dick Doremus

2063. **** CAN ANYBODY SUGGEST A VALUE ON THIS STUFF ??? ****

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: stealth@aug.com
Message-ID: <4mp2d0$rkk@jaxnet.jaxnet.com>
Source record: 201550

I have inhereted the following from my dad and wondered if anybody out there could give me an estimate on what they think this stuff is worth:

1) HeathKit SB-200 1000 Watt Linear Amp = $
2) Kenwood TS-520S Receiver = $
3) Kenwood DG-5 Digital Display = $
4) Heathkit HM-2140 Dual Meter (REF & FWD) = $
5) Kenwood MC-50 Mic = $
6) AstAatic D-104 Upright Mic (Old Radio Style) = $
7) HeathKit HD-1410 Eletronic (2) Button Keyer = $

If you have any ideas on these values I sure would appreciate an e-mail at stealth@aug.com.....Thanks

J.S.

2064. 6m Boat Anchor Help Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: Tim Miller <tmille1@grfn.org>
Message-ID: <2.2.16.19960508013759.34074968@grfn.org>
Source record: 201551

Our packet club has recently aquirred a 6m Boat Anchor we hope to use for forwarding mail. Lucky as we are to have it, (as usual) we don't have any paper work. I was hoping that someone might be able to help us find a block diagram or any paperwork for this rig.

ANY help you can give would be greatly appreciated.

Please respond by email as I don't monitor the news groups regularly.

The radio is:

Make: RCA
Model: MCA19BB11C
Serial#: FJ09519
FCC XMitter Data: CT1014
FCC Rcvr Data: CR1004

_____ _ __ __
|_ _|| || \/ | Tim Miller - Dynamic Consulting
| | | || | Packet - KB8ZGU@N8QGE.#SWMI.MI.USA.NOAM
|_| |_||_|\/|_| tmille1@grfn.org KB8ZGU MIME Ok

2065. Re: Alinco 610 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: donb@Direct.CA
Message-ID: <4mpec1$ihq@carrera.intergate.bc.ca>
Source record: 201552

In article <4mfoj4$1tt6@usenetp1.news.prodigy.com>, BSDS13A@prodigy.comï¿½
says...
>
>Does anyone know of any mods to open the rx freq range of the Alinco 610
>Tnx John WA4BMG
>

Yeah for Expanded Receive you wanna take off the front panel, and open up the
front panel, inside you should locate two wires, cut the red wire for
extended RX. If you want extended TX cut the blue one as well. either way,
put the radio back together after finished and reset.

73's From
Don Boekenkruger, VE7CBT
donb@burnabyradio.com

2066. Re: Ten-Tec Transvertor Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: psikes@whidbey.net
Message-ID: <4mplj6$bl0@news.whidbey.com>
Source record: 201553

jmg@tntech.edu (Jeff Gold) wrote:

>In article <4m5h9g$rqr@news.dx.net>, dougd@lrbcg.com (Doug D) writes:
>> Has anyone ever built the 6 meter transvertor kit from
>> Ten-Tec? Or any of their kits?
>> Also need suggestions for a good tribander antenna for 2, 6,
>> 70.
>>
>> Doug

>I built the 2 meter transceiver. It is a very high quality kit,
>the rig looks and works extremely well, I believe the review will
>appear not too long from now in 73 mag.

>73
>Jeff, ac4hf
I just completed construction of the 6M transverter kit. This is not a beginners kit for sure. Most of the kit is very straight forward, however, you do have to wind 4 air chokes and two toroidal transformers. Those items are what keep this kit from being a good one to start off with. If you are an experienced builder, go for it.

73, Phil

2067. Re: Alinco Mods????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4mpjre$bio@news.whidbey.com>
Source record: 201554
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

What model??????????????

subbustr@whidbey.net

2068. FS - Kenwood 599 Twins - Mint!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: smith@prolog.net
Message-ID: <4mp5k5$s7o@ns2.ptd.net>
Source record: 201555

For Sale, Kenwood 599 Twins, with matching speaker, in mint condition.

Contact,

David Hirneisen, N3GKB

dhrnsn@prolog.net

2069. FS - Kenwood 599 Twins - Mint!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: dhrnsn@prolog.net
Message-ID: <4mp5ns$s7o@ns2.ptd.net>
Source record: 201556

For Sale, Kenwood 599 Twins, with matching speaker, in mint condition.

Contact,

David Hirneisen, N3GKB

dhrnsn@prolog.net

2070. Stopping scan on Alinco DR-130T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: dx@tir.com
Message-ID: <319088f0.3476498@news.tir.com>
Source record: 201557

I have an Alinco DR-130T VHF rig with the 100 memory option board installed. As it comes from the factory when scanning memories the rig will stop on a busy channel then resume scanning after about 5 or 6 seconds whether the channel is still busy or not. This is very irritating when listening to police calls. Does anyone know if the rig can be modified to stop scanning on a busy channel and stay on the channel until the carrier drops then resume scanning ? I can find nothing in the manual about this anywhere. Any help appreciated.

--
Tim (dx@tir.com)

2071. RE: IC-730 PreAmp Problem: Help?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb3cd7.1d759160$10101dcc@gfiber.halcyon.com>
Source record: 201558

On Tuesday, May 07, 1996, Steven B. Bryant wrote...
> Hello-
>
> I have ICOM IC-730 that appears to be having a problem. When I press
the
> PreAmp, the volume actually gets softer instead of louder. Has anyone
> else experienced this problem? If so, what was the fix and is it
> somethings that could be done without sending the rig to ICOM for
repair?
>
> Any information will be greatly appreciated.
>
> 73s
> -Steve B., N6EQY

Generally it is the preamp relay that is the problem. You will need to
change it out. The 2SK125 FETs are not normally the problem.

Gary

2072. Kenwood TK-250 Programming Cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: "David P. Baker" <dpbaker@lilly.com>
Message-ID: <01bb3cf1.1650ce80$1d071c28@bake.d51.lilly.com>
Source record: 201559

Does anyone know if there is a third party for programming software
and programming cables for the Kenwood TK-250 commercial radio?

Thanks,

Dave - AA9OQ
--
<><><><><><><><><><><><><><><><><><><><>
These opinions are mine and do not reflect
the opinions of my employer...
<><><><><><><><><><><><><><><><><><><><>

2073. Icom W31A mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: alden@math.ohio-state.edu
Message-ID: <4mq9ff$hqb@math.mps.ohio-state.edu>
Source record: 201560

Hi,

I've ordered an Icom W31A (found it for $380). I've poked around
on all of the archive sites I could find, and none of them had any
mods for the W31A -- if anyone has any mods for it, please post them
or email them to me (I've received a couple of mods for the Z1A, but
no one knows for sure if the mods will work on the W31A).

...thnx,
...dave alden

2074. Re: Out of Band Modifications for Radio Shack HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: vanmeter@voicenet.com
Message-ID: <4mqdti$a50@goodnews.voicenet.com>
Source record: 201561

"John P. Scheiwe" <jscheiwe@tima.com> wrote:

>I am looking for the modifications for a Radio Shack HTX-212 that will allow it to transmit out of band. I am
>hoping to be able to use this radio for RACES work. Any assistance is appreciated.

>John Scheiwe - KB9LTI
>Bedford, IN
>jscheiwe@tima.com
Press & hold down the "F" & "DTMF" keys on the front panel as you
power up the rig. This allows transmit from 143.000-149.000 in either
vfo or memory modes, and receive as follows:
vfo mode = 136.000-174.000
Mem mode = 143.000-149.000

Live Life Lovingly!
Michael Van Meter

2075. AD: Mods 4 Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: bucherj@aol.com
Message-ID: <4mqe25$jga@newsbf02.news.aol.com>
Source record: 201562

The Mods I currently have for your equipment is:
* = Not able to be modified for cellular frequencies

AEA
MX6S/MX28S
1..External 12v power
PK87/88
PK232/SAT

ALINCO
ALR-22T
1..Expanded RX
ALR-24T
1..Expanded RX
DJ-100T
1..Expanded RX
DJ-160T
1..Expanded RX
DJ-460T
1..Expanded RX
DJ-500T
1..130Mhz to 169.995Mhz
2..340Mhz to 379.995Mhz
3..420Mhz to 469.995Mhz
4..870Mhz to 899.995Mhz
DJ-510T
1..Expanded RX
2..Cross band repeater
DJ-580T
1..AM RX 108Mhz to 130Mhz
2..RX/TX 130Mhz to 170Mhz
3..RX/TX 415Mhz to 470Mhz
DR110T/DR120/DR1200
1..RX 130Mhz to 169.995Mhz
2..TX 103Mhz to 169.995Mhz
3..9600 Baud
4..RX 870Mhz to 889.995Mhz
5..RX 340Mhz to 379.995Mhz
6..Cross band repeater
DR510
1..Vehicular extender
2..Expanded RX
DR570T
1..TX/RX 130Mhz to 169.995Mhz
2..RX 340Mhz to 379.995Mhz

3..TX/RX 420Mhz to 469.995Mhz
4..RX 870Mhz to 899.995Mhz
DR590T
1..Cross band
2..Expanded
DX-70
1..RX/TX .3Mhz to 35Mhz
2..RX/TX 45Mhz to 60Mhz
3..TX Mars

AOR
1000
1..Sub band reset

AZDEN
PCS300
1..Pll adjustment
PCS4000
1..Busy/Scan mode
2..Cold problem fix
PCS6000
1..TX 138Mhz to 160Mhz

BEARCAT
BC50XLT/55XLT
1..66Mhz to 88Mhz
2..Test freqency
3..118Mhz to 174Mhz
BC100XLT
1..AM/FM select
2..40 channel /second scan
3..66Mhz to 88Mhz
4..100 extra channels
BC140
1..10 to 16 channels
BC175
1..16 to 20 channels
2..66Mhz to 82Mhz
200XLT/205XLT
1..Extend battery life
2..Cellular restoration
3..Speedup scan
4..AM mode
5..Test mode
6..AM/FM select
7..40 channel/second scan
8..66Mhz to 88Mhz
9..Light mode
250XLT
1..Scan beyond 174Mhz
760XLT

1..Squelch
2..Cellular restoration
855XLT
1..Cellular restoration
2..100 channels
780XLT/950XLT
1..CMT
2..Cellular restoration
890XLT
1..Cellular restoration
2500XLT
1..Cellular restoration
MR8100
1..Cellular restoration

DFI
MS400
1..Shared interupt

DIGICOM
C.A.R.S

ICOM
10
12AT
1..Expanded RX
1271
1..Vox capable in FM
02AT/2A
1..Band expansion
2..150Mhz range or 2 Meter range
3..Memory scan speed increase
4..Increase audio RX
5..TX 140Mhz to 163Mhz
2GAT
1..TX 138Mhz to 178Mhz
2GXAT
1..TX/RX 136Mhz to 174Mhz
2..380Mhz to 470Mhz
2SAT
1..TX 139Mhz to 163Mhz
2..RX AM 108Mhz to 138Mhz
3..RX FM 138Mzh to 169Mhz
4..RX FM 310Mhz to 370Mhz
5..Dial 0Mhz to 1310Mhz
6..RX 75Mhz to 370Mhz
21AT
1..Wide Recieve 50Mhz to 1000Mhz
2..Mini repeater
22A,S
1..145Mhz to 146.94Mhz

2..Triple channels 145.5Mhz to 147.54Mhz
2340H
1..Attenuator
2..UHV open
3..VHF open
24AT
1..RX 740Mhz to 960Mhz
2..Cross band repeat
3..Direct keypad entry of 100Mhz freq
4..Am band
5..Keyboard functions
6..RX 74.9Mhz to 127.9Mhz
7..RX 138Mhz to 168Mhz
8..RX 174.1Mhz to 189.69Mhz
9..RX 200Mhz to 287.22Mhz
10..RX 310Mhz to 349Mhz
11..RX 355Mhz to 409.98Mhz
12.RX 412.37Mhz to 498Mhz
13..RX 792.85Mhz to 966.66Mhz
14..TX 138Mhz to 159Mhz
15..TX 410.5Mhz to 470Mhz
16..Mini repeater
2400
1..Mini repeater
2.Cross band
271
1..Vox capable in FM
28A,H
1..TX 138Mhz to 174Mhz
2..Audio fix
281H
1..RX 118Mhz to 174Mhz
2..RX 320Mhz to 479Mhz
32A
1..Cross band repeater
2..Open VHF/UHF coverage
3200
1..RX to TX fix
3220A/H
1..RX 118Mhz to 174Mhz AM
2..RX 400Mhz to 479Mhz
3..TX 136Mhz to 174Mhz
4..TX 400Mhz to 479Mhz
5..Mini repeater
32AT
1..RX 300Mhz to 370Mhz
2..RX 430Mhz to 460Mhz
3..Cross band repeater
37
1..Improve sensitivity

2..Restore high freq RX
3..Eliminate distortion in TX
4AT
1..Expanded RX
2..Fix low audio
47
1..Audio fix
471
1..Vox capable in FM
720
1..Unlock transmitter
725
1..Mars TX 1.5Mhz to 33Mhz
2..Enable noise blanker
735
1..Unlock transmitter
740
1..Unlock transmitter
745
1..Unlock transmitter
751a
1..Unlock transmitter
2..General coverage TX
761
1..Unlock transmitter
2..General coverage TX
900
1..TX/RX 420Mhz to 470Mhz
2..TX 216Mhz to 236Mhz
3..TX 138Mhz to 174Mhz
4..RX/TX 40Mhz to 54Mhz
5..RX/TX 28Mhz to 40Mhz
901
1..RX 28Mhz
2..RX 50Mhz
3..RX 220Mhz
4..RX 430Mhz
5..Cross band repeater
M-700
1..40, 80, 160 Meters
R7000
1..Double freq channels
2..Scan/search speedup
R71A
1..0Mhz to 29.999Mhz
W2A
1..Cross band repeater
2..RX 118Mhz to 170Mhz
3..RX 322Mhz to 513Mhz
4..RX 800Mhz to 970Mhz

5..TX 400Mhz to 490Mhz
6..TX 136Mhz to 174Mhz
W21AT
1..Monitor cellular freq
2..Mini repeater
3..RX 50Mhz to 107.995Mhz FM
4..RX 108Mhz to 135.995Mhz AM
5..RX 136Mhz to 299.9Mhz FM
6..RX 300Mhz to 999.9Mhz FM
7..Extended TX
Z1A
1..RX 50Mhz to 299.9Mhz
2..RX 300Mhz to 999.9Mhz
3..AM aircraft band
4..TX 136Mhz to 174Mhz
5..TX 380Mhz to 470Mhz

KAM

KDK
2016
1..Scan defeat

KENWOOD
R5000
1..10Hz or 100Hz display
2..Morse code letter threw speaker/beep
3..FM mode 2.5kHz or 500Hz steps
4..Busy stop
5..Activate memory search
6..Checks for duplicates in memory
TH-215A
1..Out of band
TH22AT
1..Extened TX/RX
TH25AT
1..141Mhz to 162.995Mhz
TH26AT
1..TX/RX 136Mhz to 174 Mhz
TH-2600-A
1..Open TX
TH-28A
1..RX 360Mhz to 400Mhz
2..RX 400Mhz to 520Mhz
3..TX/RX 136Mhz to 174Mhz
4..RX 118Mhz to 136Mhz (AM)
TH42AT
1..Extened TX/RX
TH45AT
1..RX 439.2Mhz to 468.6Mhz
TH721A

1..142Mhz to 152Mhz
TH731A
1..136Mhz to 174Mhz
2..400Mhz to 500Mhz
TH75A
1..142Mhz to 152Mhz
2..420Mhz to 450Mhz
TH77A
1..TX/RX 136Mhz to 174Mhz
2..TX/RX 400Mhz to 512Mhz
3..RX 118Mhz to 136Mhz (AM)
4..RX 800Mhz to 950Mhz
5..Crossband repeater
TH-78
1..RX 50Mhz to 180Mhz
2..RX 300Mhz to 512Mhz
3..RX 800Mhz to 950Mhz
4..TX 136Mhz to 180Mhz
5..TX 400Mhz to 512Mhz
6..Crossband repeater
7..Game mode, Simon, Poker
TH79A
1..Mars/Cap
2..TX 142Mhz to 152Mhz
3..RX /TX 420Mhz to 450Mhz
4..Wide Band
5..67Mhz to 174Mhz
6..400Mhz to 511Mhz
TM421A
1..TX/RX 136Mhz to 174Mhz
TM732A
1..TX 340Mhz to 512Mhz(range will vary depending on
country of origin)
2..TX 136Mhz to 174Mhz(range will vary depending on
country of origin)
3..800Mhz RX
4..Demo mode
5..Mars/Cap
TM742
1..RX 18Mhz to 54Mhz
2..TX 26Mhz to 45Mhz
3..RX 40Mhz to 90Mhz
4..TX 46Mhz to 76Mhz
5..TX 136Mhz to 174Mhz
6..RX 215Mhz to 260Mhz
7..TX 215Mhz to 235Mhz
8..TX 420Mhz to 450Mhz
9..RX/TX 1100Mhz to 1400Mhz
TR2500/TR3500
1..Dip switch setting 67Mhz to 250.3Mhz

TR2600A
1..Extended TX
2..TX 150Mhz
TS-430S
1..Mars/Cap
TS-440
1..Add 10hertz readout to display
2..All band TX reset
TS450/TS690
1..Mars/Cap Antenna tuning
TS-530S/SP
1..Fix receive heat problem
TS-830S
1..Fix receive heat problem
2..TX 1.5Mhz to 30Mhz
3..Filter fix
TS-850S
1..TX 27.5Mhz to 28Mhz
2..All band TX
3..Antenna power
4..Filter selection
5.."HELLO" morse code power up/send
6..LCD on/off
7..Subtone
8..Improve sensitivity
TS-930
1..Digital readout 100Hz to 10Hz
2..Tuning rate of 10Hz to 5Hz
3..8 additional memory
4..Search 8 new memories
5..TX 1.5Mhz to 30Mhz
6..
TS-940
1..All band RX
2..Mars TX

MFJ
1270
1..Tone calibrate
2..More TX audio
1274
1..Tone calibrate
2..More TX audio
1278
1..Serial #0301002 to Serial #03010508 free fix

RANGER
2950
1..26Mhz to 32Mhz
2..CB channels
3..CB channel 9 quick step

4..Tuneup
2970

REALISTIC
DX440
1..Anti chuffing removal
2..Record out attachment
3..Enable speaker during scan
HTX100
1..Modulation
2..26.000Mhz to 29.999Mhz, bands A threw I, with G band
being CB
3..Increase output to 35 watts
4..Increase audio
HTX202
1..TNC hookup
2..Low audio fix
HTX404
1..Fix quick drain battery
PRO23
1..Cellular restoration
PRO24 *
PRO25 *
PRO32
1..Squelch
PRO34
1..Cellular restore
2..66Mhz to 88Mhz
3..Squelch
PRO37
1..Cellular restore
2..66Mhz to 88Mhz
3..Squelch
PRO38
1..66Mhz to 88Mhz
2..Test freqency
3..118Mhz to 174Mhz
PRO39
1..Cellular restore
2..66Mhz to 88Mhz
PRO41
1..66Mhz to 88Mhz
2..Test freqency
3..118Mhz to 174Mhz
PRO43
1..Cellular restore
2..66Mhz to 88Mhz
3..Keyboard beep delete
4..400 channels
PRO46

1..Cellular restore - for both new and older models
PRO49 *
PRO50 *
PRO51
1..Remove keyboard beep
2..Cellular restoration
3..Open 66Mhz to 88Mhz
4..Fill with test freq.
PRO62 *
PRO2002 *
1..Tighten up Squelch
PRO2004
1..400 channels
2..Cellular
3..Add data squelch
4..Add SSB
5..Squelch improvment
6..6400 channel memory
PRO2005
1..Cellular
2..Add data squelch
3..Add SSB
4..Squelch improvment
5..6400 channel memory
PRO2006
1..Cellular
2..Add data squelch
3..Remove keyboard beep
4..Two scan rate speeds
5..Add SSB
6..Squelch improvment
7..Add "S" meter
8..Increase Headphone audio
9..6400 channel memory
PRO2020
1..100 channels
PRO2021
1..66Mhz to 88Mhz
2..806Mhz to 960Mhz
PRO2022
1..Cellular restore
PRO2026
1..Cellular restore
PRO2027
1..Cellular restore
PRO2030
1..Cellular restoration
PRO2032
1..Cellular restore
PRO2033 *

PRO2034 *
PRO2035 *
PRO2036 *
PRO2037 *
PRO2038 *
PRO2039 *

REGENCY
MX4000/MX4200
1..Extend battery life
MX5000/MX7000
1..Stop search function

STANDARD
C508
1..Wide TX
525
558
5608

UNIDEN
HR-2510(LINCOLN)
1..Speed up AGC
2..26.000Mhz to 29.999Mhz, bands A threw I, with G band
being CB
HR-2600
1..Speed up AGC
2..26.000Mhz to 29.999Mhz, bands A threw I, with G band
being CB

WILSON
MARK 2
4
(CAP & MARS)

YAESU
FT101,b,e,ee
1..12 meter
FT11R
1..RX 136Mhz to 180Mhz
2..TX 110Mhz to 180Mhz AM/FM
FT209rh
1..130Mhz to 160Mhz
FT211rh
1..RX/TX audio
2..50Mhz to 550Mhz
FT212rh
1..TX/RX 132Mhz to 180Mhz
FT23h
1..TX/RX 140Mhz to 163.995Mhz
2..50Mhz to 550Mhz
FT2700rh

1..144Mhz to 154Mhz
2..430Mhz to 450Mhz
3..Cross band repeater
FT301
1..Display led reduce voltage
2..Speech proc fix
FT411,e
1..RX 130Mhz to 174Mhz
2..TX 140Mhz to 150Mhz
3..Packet
4..Computer
5..PTT lock
FT470
1..Cross band repeater
2..RX/TX 210Mhz to 235Mhz
3..RX/TX 430Mhz to 450Mhz
4..RX/TX 101Mhz to 174Mhz
5..RX/TX 1240Mhz to 1300Mhz
FT51r
1..TX 122Mhz to 180Mhz
2..TX 320Mhz to 482Mhz
3..RX 110Mhz to 180Mhz
4..RX 320Mhz to 500Mhz
FT5100
1..RX 110Mhz to 180Mhz
2..RX 330Mhz to 480Mhz
3..Cross band repeater
4..Backlight control
5..Transmitter time out
6..Crossband audio improvement
7..TX 130Mhz to 180Mhz
8..TX 425Mhz to 465Mhz
FT5200
1..RX 137Mhz to 174Mhz
2..RX 310Mhz to 470Mhz
3..Cross band repeater
4..Backlight control
5..Transmitter time out
6..Crossband audio improvement
7..TX 137Mhz to 174Mhz
8..TX 410Mhz to 470Mhz
FT530
1..RX 110Mhz to 180Mhz
2..RX 300Mhz to 500Mhz
3..TX 130Mhz to 180Mhz
4..TX 400Mhz to 470Mhz
5..RX 800Mhz to 950Mhz
FT70
1..160 meter
2..Improve receiver sensitivity

FT726
1..Audio fix
FT727r
1..139Mhz to 160Mhz
2..420Mhz to 460Mhz
FT736
1..Extened RX/TX
FT747GX
1..TX 1.8Mhz to 30Mhz
FT757
1..Filter modification
FT767GX
1..TX 1.5Mhz to 30Mhz
2..Mars
3..140Mhz to 150Mhz
4..RS232 connection
5..TX any where unit RX
FT900
1..TX 1.8Mhz to 29.99Mhz
FT980
1..Schematic for CAT controll computer interface circuit
FT990/FT1000
1..Extened TX

If you wish to order the mods please send $5 (check or money order) for each radio model (1 radio= $5, 2 radio's = $10, etc.) to:

Jamie Bucher
P.O. Box 15653
Loves Park, IL 61132

Please specify if you want your mods faxed, e-mailed, or sent via the postal service when ordering. It is possible that when we send this information additional mods for that radio will be available, if so we will send them along also.

Please included an e-mail address if I have any questions about your order.

2076. Radio Shack HTX 202 antenna connection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: hcohen@analogic.com
Message-ID: <587cc$b2826.196@News>
Source record: 201563

I've had a 202 for about a year now, and have been very happy with it when it works. I think the electronics are wonderful. The problem that I have with it is the mechanical connection of the antenna's bnc connector with the case. It uses a very thin screwed ring with two notches in it. This loosens frequently and causes intermittant contact with the inner electronics. This seems to cause two problems other than just being annoying. It breaks a soldered connection with the electronics and it causes some overload conditions on the transmitter, that causes it to die and require service. These problems have already put my ht in the shop three times. I'm so happy I bought the extended waranty. My questions are the following:

Has anyone found a way of solving this problem?

Has anyone found a decent tool for tightening this ring, other than a small screwdriver?

Thank you.

Howard, n1vxs

2077. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4mpb9i$ef3@dfw-ixnews9.ix.netcom.com>
Source record: 201564

In <Dr1C5r.2or@cerc.wvu.edu> crowe@geovax.geo.wvu.edu (Randy Crowe) writes:

>>>
>
>>
>
>He's right...speaking into the mike makes a big difference...the thing is
>fairly dirrectional. However the deviation adjustment is pot R101 I believe.
>It is located upper right about 1" down and 1" in on the circuit board.
>Carefull...this pot is sensitive and it's as easy to get too much deviation as
>not enough. Fixed the 'speak up...can't hear ya' reports on mine.
>
>73's Randy N8OZY

Thanks for the information I consider that most folks who have a license know which end of the mike is up so to speak. The low deviation problem is quite common with the RS HTX-202 and I'll bet it was the problem in this case. Occasionally I have to take issue with Clint's RS worship for the most part they sell crap the ham stuff is a little better but old technology and WAY over priced when not on sale.

Interestingly I got a piece of hate mail from a very new ham (5 days) telling me I must not be a ham because of my first post to this subject was so terrible. Can't quite figure that one out but I can hardly wait till he gets a wiff of the code or LAMDA wars.

73 de Jerry KK5YY

2078. TEN-TEC Remote VFO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: beck01@primeline.com
Message-ID: <4mqmvg$agl@news.primeline.com>
Source record: 201565

I have a TEN-TEC Model 263 Remote VFO for sale. It is in EXCELLENT condition, both physically and electronically. Will sell for $225 or trade for equal quality 2 meter mobile rig. Contact me at: beck01@primeline.com

Lowell
N4ZLJ

2079. Re: Need info on Ameritron QSK-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mqjg8$l9d@newsbf02.news.aol.com>
Source record: 201566

In article <DquF1A.LHy@iglou.com>, n4lq@iglou.com (Steve Ellington)
writes:

>Does anyone know anything about the QSK-5 adapter?
>
>Does it have a seperate receiver output which goes to the aux
>receiving antenna on the transceiver?

Not as shipped but one can easily be added. It has two "fuse lamps" that protect the exciter in case of component failure. The lead going to the .01 uF coupling cap and the input diode can be removed and routed through a cap to the receiver input. I'd add a pair of parallel nose to back diodes from the receiver input to ground for extra safety.

>Why would it get hot and require fan for higher power?

I use one without problem at 2200 watts plus into all types of loads without any additional cooling or even the internal fan (it's on a test bench), but it's recommended you do use one for RTTY.

>Does it consume
>a certain amount of RF power?

Less than .2 dB by measurement on TX, a bit more on receive due to the series resistance of the fuse lamps. But like any form of protection the loss there is well worth the advantage if you want to have safe RX.

73 Tom

2080. Radio Amateur PAGER...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: simard01@gel.ulaval.ca
Message-ID: <4mqp49$jg6@athena.ulaval.ca>
Source record: 201567

Hi,
I would like to build a numeric pager that is working on the 2m
band.... Any info about that? DTMF decoder chip? A simple one frequency
receiver circuit? Any kind of info will be appreciated...

Reply or send it via e-mail: simard01@gel.ulaval.ca

Thank you.

73's
VE2VSB

2081. Re: Yaesu FT-101E Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: donrm@sr.hp.com
Message-ID: <4mqrch$frj@canyon.sr.hp.com>
Source record: 201568

S87C51 (s87c51@aol.com) wrote:

> What ever happen to the FoX-Tango club? Are there any Yaesu nets? I

I think it fell apart when Yaesu discontinued the FT101 series. I used to belong to the FT club; in fact, I still have the club stamp with the two tangoing foxes. I wrote to the FT filter address in Florida several years ago and stamped my letter with the FT logo - the answerer said he hadn't seen it in a long while.

> owned a FT-101EE and it was a very good radio, except for the mechnical
> relay that kicked in/out for TX/RX. Having headphones on, I would hear a
> very loud pop!

The FT101 had many faithful followers - a newsletter full of modifications for the FT101 series...including one that fixed the pop you speak of. You could also buy a comprehensive detailed factory service manual for the 101 for something like $25. A very popular transceiver, indeed!

I had the predecessor to the FT101 called the FTDX-100, but it was not imported into the USA because of patent litigation problems with SBE and the SB33/34 line of mobile semi-solidstate transceivers. The FTDX-100 was about the same size as the FT101, but that's where the similarity ended. Entirely different circuitry, single PC board, a nightmare to work on.

I sold my FT-101EE to a guy that was interested in ham radio - however, I have the sneaky feeling it's somewhere on 11 meters. The big tipoff was when the guy showed me his 100W 'kicker' amplifier in his trunk. Oh, well.

73 from Don K6LTS
donrm@sr.hp.com

2082. IC-775/FT-1000MP/OMNI VI: Looking for comparisons

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: driller@mars.superlink.net
Message-ID: <4mqt55$2n8@earth.superlink.net>
Source record: 201569

Hello: I am planning on purchasing a new transeiver at Dayton. I have narrowed the search (looking at the literature) to the IC-775, the FT-1000MP, and the OMNI VI. My max is $3000.
I have no way to do a true side by side comparison, so I thought maybe some people here could give their guidance with some subjective opinions. I am particularly interested in good receive capabilities. Please feel free to mention any other rigs which you feel may be better, in order to thoroughly confuse me.
Thank you for any help you can give.

73, Steve N2QLQ

2083. Re: << HELP >> HOW MUCH SHOULD I PAY FOR YAESU FT-101E ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: donrm@sr.hp.com
Message-ID: <4mqt49$frj@canyon.sr.hp.com>
Source record: 201570

Tom Zoch (tomz@premier1.net) wrote:

> I saw a number of them going for about $250ish at the Mike and Key Club's

I think you'd be better off if you spent a little more money and bought something solid state like the Kenwood TS-130S. I've seen them as cheap as $350; they're all solid state, WARC bands, 100W, CW-SSB (no AM) and virtually trouble free. However, they will require an antenna tuner if 'looking' into anything other than 50 ohms, and require 12 volts DC at about 25A.

73 from Don K6LTS
donrm@sr.hp.com

2084. For Sale: HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: ken@pe.net
Message-ID: <4mqv12$1rs@nfs1.pe.net>
Source record: 201571

Ken, W4OFE
909-688-5724
ken@pe.net

2085. Competition for IC706 at Dayton Hamfest

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4mqvr1$e1d@news.cais.com>
Source record: 201572

Does anyone know if Kenwood, Yaesu, Alinco, or Standard are planning
to unveil a radio to compete with ICOM's IC-706 ??? I talked with someone at
Kenwood & they absolutely HATE this rig! (wonder why) NO response from Alinco.
Tnx in advance! David N4ZGT.

2086. Re: Out of Band Modifications for Radio Shack HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: Will Flor <willf@rrgroup.com>
Message-ID: <31910169.78C@rrgroup.com>
Source record: 201573

Brian Williams wrote:
>
> In article <318C2E94.7603@tima.com>, jscheiwe@tima.com says...
>
> >I am looking for the modifications for a Radio Shack HTX-212 that will
> >allow it to transmit out of band. I am hoping to be able to use this
> >radio for RACES work. Any assistance is appreciated.
>
> >John Scheiwe - KB9LTI
>
> Hi John,
> First, it's illegal to transmit out of the amateur bands (except CAP and
> MARS) with a non-type accepted radio, so I'll assume your speaking about
> the MARS frequencies. Secondly, the Radio Shack units can not be
> modified for out of band receive, period!
>

This is true. The HTX-212 has out-of-band receive in out-of-the-box, brand-spanking-new, unmodified condition, so it's not really necessary, is it? However, John was asking about *transmit* not receive. The modifications for out-of-band transmit are in the HTX-212's manual - it's a software mod.

73 de Will KB9JTT

2087. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <4mr1r1$cev@mgate.arrl.org>
Source record: 201574

w8jitom@aol.com (W8JI Tom) wrote:
>I'll delete most or all of the unnecessary personal snipes and opinons and
>try to stay with generally useful facts.
>
>In article <1996May3.222151.20156@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) writes:
>
>>>All of that aside, where is the big "tetrode distortion advantage" you
>>>touted while being so openly critical of my technical analysis and
>>>ability? It certainly doesn't appear in those numbers!
>>
>>The numbers are better than the original amplifier with 8875s. Now I
>>didn't say that the modification was optimum did I? I don't think so.
>
>8875 measured third order (one measured sample of a pair of tubes 1980
>data) : -39 dB third, -44 dB fifth at rated output. Your reported data was
>-38 and -48 dB with negative feedback. Where's the "big universal tetrode
>advantage"?
>
>To refresh memory of the origninal claim, you said:
>
>"Tetrode amps have better linearity and more power gain than triode
>amps. They do require a screen supply, and the tuning is a bit
>different, but that's only marginally important when contrasted
>to the advantages they offer."
>
>This is a pretty broad general statement that just isn't true in some
>areas, specifically the claims of "better linearity", "tuning a bit
>different", and "advantages they offer".
>
>>If someone started with a clean sheet of paper, I'm confident better
>>performance numbers could be obtained. As I'm sure you are well aware,
>>more than just the number of grids in the active device are involved
>>in achieving a clean amplifier.
>
>Which was my point all along, and you now seem to agree with me and
>disagree with your statement above. My only point is if someone is going
>to do the all the work, do it correctly. Especially if it's just a matter
>of adjusting a few component values.
>
>>This modification appears reasonably easy to do, saves a good bit of
>>money compared to a new pair of 8875s, and has better measured
>performance
>>in important areas than the original amplifier. That looks like a good

>deal
>>to me. If the ARRL lab test results showed worse performance than the
>>unmodified amplifier, I'd tend to go along with you in your criticisms.
>
>I don't have critisisms, just facts.. One fact is two tone fixed power
>level tests are not good tests (in particular with tetrodes), another new
>one is the ARRL "Lab" doesn't always measure amplifier parameters
>correctly.
>
>For example, in the past the Lab has measured efficiency incorrectly. The
>error was caused by subtracting the entire amount of drive power from the
>output power during efficiency calculations.
>
>The correct procedure is to ADD additional input power caused by the
>cathode/anode voltage contribution during the cathode's negative voltage
>excursion to the plate input power calculation, since the positive cathode
>voltage excursion (subtracting from the effective HV) has no effect when
>the tube is cut off.
>
>Incorrectly subtracting the driver's power from the output (if still
>employed) produces artifcially low efficiency calculations....with low
>gain high conduction angle linear gg triodes paying the stiffest penalty.
>
>>But that's not the case. There may be a different modification one could
>>make that would result in even less expense and even better performance,
>>but the given modification looks like an improvement to me.
>
>I'm concerned, as I've said over and over again, about throttling back
>exciters so far. The designs require increased exciter IMD and ALC (power
>control) overshoot, and that system almost always works poorly at full
>power. Getting the amplifier running is an improvement, but that wasn't my
>point. My point was why not simply put the correct resistor values in the
>circuit? What is wrong with that no matter HOW it works?
>
>>I've been critical of your technical analysis because you haven't
>>even read the article or looked at the ARRL lab report. If you had,
>>you'd have noticed that the cathode resistor is not bypassed, and
>>you'd have made sense out of my attempt to describe what the graphs
>>show.
>
>Critical I don't mind, but nasty and accustory without fact while avoiding
>technical issues...I do mind. No one learns anything from personal
>remarks. It's boring, uniformative, and paints the attacker as a "real
>jerk" covering his technical inabilities or errors by unwarranted attacks.
>Personal opinions have no place in technical discussions.
>
>My comment was QST must have slipped up, and I hope it isn't becoming a
>trend. It is unusual for them to allow an author to slide in derogatory
>comments about a competitor while extolling virtues of his own product.
>This is especially true when the virtues are at **best** very "overrated

>or exaggerated" for the application.
>
>> I get the distinct impression
>>that you've assumed the designer of this modification must be stupid.
>>How about assuming instead that he was reasonably astute? (You can
>>feel free to accuse me of being stupid for attempting to describe the
>>article to you.)
>>I've also been critical of you because you seemed to have a kneejerk
>>reaction to the mention of Svetlana in this article and the original
>>one.
>
>I can assure you I'd be just as hard on Eimac, Collins, RCA, or myself if
>incorrect data was released to the public. I don't care who the source
>was, no one has the right to falsely demean a competitor (especially in a
>historical or technical article), or give readers incorrect data. That was
>totally out of place in an otherwise good article.
>
>What ever happened to personal ethics and pride?
>
>> Now I don't know why that is, but I find it difficult to believe
>>that it is merely a matter of a technical difference of opinion about
>>the relative merits of triodes versus tetrodes. Why do you think they
>>bother to put that extra grid in there if it doesn't offer some
>>advantage?
>
>The tube was originally designed for the Russian Millitary where high
>power gain was required, not for low IMD or consumer applications. Now
>that Soviet war machine has fallen apart, the tubes are freely available.
>They do make 3CX3000's and other triodes, but nothing in the amateur power
>level range of 500 to 2000 watt dissipation.
>
>>Why do you think designers at Harris, RCA, Gates, Collins,
>>etc bothered to use tetrodes if they are inferior performers?
>
>Because of the application Gary. Tetrodes are the "wrong tube" for use
>with 100 watt SSB exciters. Tetrodes are correct for high power gain
>commercial amplifiers. This is engineering common sense, good engineers
>avoid using complicated and difficult to operate designs unless absolutely
>necessary.
>
>>Is it because they just liked to design screen supplies?
>
>No, it's because the design tetrode application was almost always
>fixed-tuned high-gain amplifiers, rather that hobby type
>"change-frequency-every-ten-minutes amplifiers" used with 100 watt (or
>more) exciters. We should all thank Eimac for pushing to develop so many
>zero bias triodes for our market, not paint them as a group that "was not
>driven by technical performance" and "driven by simplicity, low cost, and
>superb product promotion".
>

>That comment is absolute rubbish, and the author and QST should be ashamed
>for allowing it in as well as highlighting those worded in a boxed large
>print area.
>
>There are only two **clear** advantages of the Sveltlana tetrode over any
>other comparable triode in HF amateur applications. The advantages are
>tube cost and ease of gain modification by changing component values.
>What's wrong with telling the truth and setting the values correctly?
>
>Hi-mu G-G triode advantages: Gain compatibility, ease of operation, simple
>and easy to design circuitry, very little change in performance with
>circuit parameter changes, inherent negative feedback, linearity and IMD
>generally better than state of the art for the exciters used, and lower
>supporting system cost.
>
>Disadvantages: Fixed gain limited by tube and circuit parameters, tube
>cost (with current sources).
>
>Grid driven tetrode advantages: Tube cost (with current sources), gain can
>be easily adjusted to the proper value with the ***correct*** grid
>loading resistance.
>Disadvantages: Difficult to tune, easy to overdrive (with severe
>distortion products quickly resulting), more complex circuitry, hard to
>measure and control grid current accurately in SSB operation, substituting
>tubes requires major physical and circuit design changes.
>
>73 Tom

2088. Re: BT-6 battery info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: askaggs@freenet.columbus.oh.us
Message-ID: <4mr7r5$5hj@acme.freenet.columbus.oh.us>
Source record: 201575

Allen Skaggs (askaggs@freenet.columbus.oh.us) wrote:

: I have a BT-6 battery case for a Kenwood HT. Would anyone know what kind
: of Kenwood HT uses this type of battery case? Thanks for all replies, Allen
: --
Thanks for reading this I have found the information in question.
: ===
: Allen Skaggs, Grove City, OH.
: Packet Radio Address: NV8R@W8CQK.#CMH.OH.USA.
:
--
===
Allen Skaggs, Grove City, OH.
Packet Radio Address: NV8R@W8CQK.#CMH.OH.USA.

2089. Re: << HELP >> HOW MUCH SHOULD I PAY FOR YAESU FT-101E ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4mr97l$r6s@crash.microserve.net>
Source record: 201576

Tom Zoch (tomz@premier1.net) wrote:

> I saw a number of them going for about $250ish

A clean FT-101EE or FT-101E still sells for at least $300, and if
it's really clean, $350-375 isn't out of line.

On the other hand, I've seen quite a few of these at hamfests for
$250-300 that probably weren't even worth $150.

73,
Jack WB3U

2090. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4mrph0$4dm@newsbf02.news.aol.com>
Source record: 201577

Just a quick technical correction of a few comments you've made Gary.

In article <1996May5.163121.28590@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
(Gary Coffman) writes:

>I obviously don't know the value of stray capacitance between cathode
>and ground in this modified amp (nothing is said about it in the
>article), but there's no deliberate capacitance there. And given
>that T=R*C, and R is fixed at 30 (or 20) ohms, the value of stray
>C would have to be substantial to have any effect at syllabic rates.

The cathode bypass time constant doesn't have to be significant at
syllabic rates Gary, it only needs be significant at RF rates to be a
burden on IMD performance. You've also ignored the impedance of the
charging source, and incorrectly assumed the allowable voltage shift
relates directly to the voltage change used to quantify time constant.

>>For example, consider a class AB amplifier at the edge of cutoff. Adding
a
>>few volts of positive cathode voltage not only reduces the effective
>>current by increasing the bias voltage, it also reduces the effective
>>screen voltage. Moving the screen to cathode voltage around carelessly
at
>>an audio rate is absolutely the last thing that should be done in a SSB
>>amplifier.
>
>Yes, but moving it around on purpose may be useful. Consider that
>screen voltage controls stage gain in a tetrode. By varying screen
>voltage in step with drive, you get a gain control effect in accordance
>with the 3/2 power rule, IE speech compression for "free" without the
>use of external ALC. The author claims that no external ALC is required.

Your claim incorrectly implies RF speech processing at RF frequencies
without distortion by some strange "happenstance" or "coincidence". It
relies on a new load line "happening to be correct and linear" as
effective screen voltage is reduced and grid bias increased from excessive
drive.

The parameters "reducing gain" in your example also move the tube towards
non-linear operation.

>There's a 0.1 uf cap in parallel with a 180k resistor shown connected
>right at the screen. That has a time constant of 0.018 second which would

>seem to smooth response above the syllabic rate, IE above 95 Hz.

You've miscalculated the time constant of the screen bypass by totally ignoring the effects of the screen and supply impedance. The 180k is an insignificant part of the equation. It is the time varying load impedance of the screen that must be swamped out, and any poor dynamic voltage regulation in the screen supply that must be removed. In this case you've ignored the impedance of both the charging source and discharging load.

Once again, time constant doesn't directly apply. The problem demands careful consideration of the *amount* of voltage sag that can be tolerated at dynamically changing load rates. Using only the time constant, as you have done, allows much more voltage shift than good designs generally require.

>OTOH, the author of the article quotes the Swetlana data sheet for their
>4CX800A as yielding a 3 db *improvement* in 5th order IMD with the addition
>of the cathode resistor. I just went back and examined the ARRL lab report
>graphs again. In what I hope is proper terminology, here's what I see.
>
>3rd order -41 db
>5th order -38 db
>7th order -55 db

>All figures are db down from one tone of the two tone test signal, and
>are interpolations from the graph. They might be off a db one way or
>the other due to my interpolation.

This data confirms this particular tetrode has poorer IMD performance than a grounded grid 8875 would produce. As I said earlier:
"8875 measured third order (one measured sample of a pair of tubes 1980 data) : -39 dB third, -44 dB fifth at rated output. Your reported data was -38 and -48 dB with negative feedback. Where's the "big universal tetrode advantage"?"

Now your data suddenly becomes even less supportive of your (and the author of the 811 article's) claims, with the tetrode 6 dB poorer than the triode in a laboratory test.

>Again you're assuming the author of the article is stupid. Assume
>instead that my attempt at explaining the article to you is what's
>stupid.

Stupid is a harsh and juvenile word. Please stop attributing words expressing your views to me. Quote me directly, but don't credit nasty words from your mind to me.

All I've EVER said is the grid resistor was poorly selected, the claims of tetrode superiority are incorrect, and the bashing of Eimac was in poor taste and totally unwarranted.

>Now if the author indeed knows what he's doing (he is a Phd
>with extensive tetrode experience according to the bio), the use of
>a cathode resistor is *not* to cover up an error. In fact, in the

>text he stresses the reasons he chose to use a cathode resistor
>in the circuit, primarily to obviate the need for ALC and to use
>negative feedback to improve amplifier linearity. The hopefully
>correct two tone test data I've entered above would tend to confirm
>his choice wouldn't you say?

No, I wouldn't. While the resistor may or may not help IMD, I am more concerned by the low drive power required. It will likely cause the exciter to trash up, and makes the user depend on the radios internal power control circuitry. That circuitry has poor dynamic response in virtually every rig on the market today.

Secondly, a cathode resistor absolutely will not prevent overdrive or substitue for ALC circuitry.

A two tone test proves little with tetrodes in this application. Anyone experienced with modern solid state exciters and the ALC and power systems employed (and who has witnessed IMD measurements made on PA's tuned without aid of distrotion measurement devices) would realize a steady state two tone test under lab conditions is almost meaningless, and any PA that drives with less than the full output of the exciter is subject to consistant leading edge power overshoots from the exciter.

How bad do is the overshoot? My ICOM 706 peaks at 120 watts (on 40 meters) when the output power control is adjusted to 20 watts!

The author of the 811 article made the statement "tetrode tubes were superior performers" in amateur HF applications, and he also directly reported Eimac high-mu triodes tubes were not designed for good "technical performance". You have repeated that very comment, and have attempted to support it with consistantly incorrect theoretical examples and circuit analysis.

73 Tom

2091. Help with HT-202 1/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <6bd_9605082216@woodybbs.com>
Source record: 201578

```
REALISTIC HTX-202 Summary of Button Functions

A/LOCK/CA
PTT + A.........Transmit DTMF A.............................page 33
F + LOCK........Keyboard lock...............................page 19
CA..............Calling memory..............................page 20

B/P-SC/PR
PTT + B.........Transmit DTMF B.............................page 33
F + P-SC........Priority scan...............................page 22
PR..............Priority memories..........................page 22

C/M-WR/MR
PTT + C.........Transmit DTMF C.............................page 33
F + W-MR........Memory write................................pages 20-23
MR..............Standard memories..........................page 23

D/M->VFO/VF/CLR
PTT + D.........Transmit DTMF D. Follow with 1-5 to
send a DTMF sequence.......................pages 33 & 34
F + M->VFO......Write memory to VFO.........................pages 20-23
VF..............VFO mode.....................................page 16
CLR.............Clear partially entered freq in VFO mode...page 16

1/T-SQL
PTT + 1.........Transmit DTMF 1.............................page 33
PTT + T-SQL.....Tone squelch................................page 28
1...............In Standard Memory mode, first digit of
selecting memory 10, 11, or 12.............page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 1..................page 22

4/D-SQL
PTT + 4.........Transmit DTMF 4.............................page 33
F + D-SQL.......DTMF-squelch................................page 34
4...............In Standard Memory mode, select Memory 4...page 23
In VFO mode, enter a frequency.............page 16

7/SAVE
PTT + 7.........Transmit DTMF 7.............................page 33
F + SAVE........Power save option...........................page 31
7...............In Standard Memory mode, select Memory 7...page 23
In VFO mode, enter a frequency.............page 16

*/ \/SC
PTT + *.........Transmit DTMF *.............................page 33
```

F + \/SC........In VFO mode, scan down the selected range..page 30
\/SC............In VFO, Priority Memory or Standard Memory mode
scan down.................................pages 17, 22 & 23
In memory-set mode, next menu item.........page 26

2/DTMF
PTT + 2.........Transmit DTMF 2............................page 33
F + DTMF........Store DTMF memory sequence.................page 33
2...............In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 2..................page 22

5/BEEP
PTT + 5.........Transmit DTMF 5............................page 33
F + BEEP........Key entry beep..............................page 19
5...............In Standard Memory mode, select Memory 5...page 23
In VFO mode, enter a frequency.............page 16

8/M-SET
PTT + 8.........Transmit DTMF 8............................page 33
F + M-SET.......In VFO mode, memory set....................page 26
In Standard, Priority, Calling Memory,
change options for memory channel..........page 21
8...............In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.............page 16

0/V-SC
PTT + 0.........Transmit DTMF 0............................page 33
F + V-SC........Vacant scan.................................page 19
0...............In Standard Memory mode, select 1st digit
of memory 1.................................page 23
In VFO mode, enter a frequency.............page 16

3/ +/-
PTT + 3.........Transmit DTMF 3............................page 33
F + +/-.........Duplex offset...............................page 18
3...............In Standard Memory mode, select Memory 3...page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 3..................page 22

(Continued to next message)
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221

(Continued to next message)
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|

| Standard disclaimer: The views of this user are strictly his own.

2092. Help with HT-202 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: Clint.Bradford@2619-211-9.woodybbs.com
Message-ID: <6be_9605082216@woodybbs.com>
Source record: 201579

(Continued from previous message)

--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

--
|Fidonet: Clint Bradford 1:2619/211.9
|Internet: Clint.Bradford@2619-211-9.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2093. Re: HTX202 low audio 1/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <6bf_9605082216@woodybbs.com>
Source record: 201580

>>The problem stems from the deviation adjustment
>>telling the guy to speak into the mike is a cheap shot.

Excuse the heck out of me. I just experienced an Amateur with the exact same problem as described. When he was advised that the mike was on the bottom right of the face of the speaker/mike, his audio improved tremendously.

No "slight" to the original poster was intended. I only report what I have experienced first-hand or what I have garnered from reliable sources.

Here's a "low audio/external mike" text I found:

The following information regarding low audio with the HTX-202 was found at:

http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

Title : Low ext mic audio on the HTX-202 and HTX-404

If you own the HTX radio you probably already know about the low external audio problem. I have tried a few different brand mic's and they all failed to get any significant audio into the radio. There is a good reason for this. The problem is the radio does not provide enough voltage to properly bias an ext condenser mic. When the radio is keyed the voltage at the ext condenser mic drops to about 2 tenths of a volt. Most common condenser mic's need a minimum of 2 volts and a nominal of about 4.5 volts. Design flaw or design feature. You be the judge. There is an easy way to get around this. I will tell you how to modify the Radio Shack speaker mic to get very respectable audio out of it. You then will be able to amaze all the smug Yaesu and Icom owners that have looked down at your HTX rig.

You will need the following parts from your friendly neighborhood Radio Shack

cat num,..... description,..... generic

19-310..... speaker mic

270-430..... lithium batt holder.... 20 mm single cell

23-162..... lithium battery..... dl2032..3v 180mah

270-092..... condenser mic..... -65 db sens 2v-10v

.33 microfarad cap,disc type or any small profile type cap

At this point I should say that this is a " use at your own risk"
modification. It is not approved by the manufacturer and if they knew
it would probably void your warranty. Any damage to your radio because
of an incorrectly implemented mod to the speaker mike is solely your
responsibility.

Now having said that, probably the only thing to happen if you blow
the mic mod is that the mic won't work or you won't be able to key the
radio from the external ptt switch. They made the radio hard to hurt
through the ext mike jack.

#1: Unsolder the ptt switch.

#2: Cut the leads to the mic element and remove original mic.

#3: Connect the red wire from the main cable that was going to the
ptt switch before to the side of the resistor that is not connected to
the speaker.

#4: Install the ptt switch in line between the resistor and ground
which is the minus terminal on the speaker.

#5: Connect the .33 mf cap to the top of the resistor where the red
wire is.

#6: Connect the white signal wire from the condenser mic to the other
side of the .33mf cap.

#7: Connect the shield wire from the condenser mic to the ground side
of the resistor. This would be above the switch but on the low side of
the resistor. This is important because if this is wrong the battery
will only last a few days instead of a year or more.

#8: Connect the minus side of the battery holder to the ground point
that is the minus terminal on the speaker.

#9: Connect the positive terminal of the battery holder to the red
bias wire that comes from the mic element.

#10: Install the battery.

(Continued to next message)
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* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2094. Re: HTX202 low audio 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <6c0_9605082216@woodybbs.com>
Source record: 201581

(Continued from previous message)

#11: Check with a volt meter to check that the bias wire on the mic
is getting aprox 3.1 volts positve.

That should be it. The .33mf cap keeps the radio {red wire from main
cable} from seeing the ext dc from the battery. The ptt switch grounds
the resistor and causes the radio to key and completes the ground for
the mic element. When the radio is not keyed the battery is looking at
a high impeadance instead of the 3k impeadance the mic presents when in
circuit. I checked modulation on my rig by putting the HTX on a dummy
load at low power and listened with headphones to a scanner. this is a
good way to insure that all is well before you take to the bands. Also
I should note that this type of mod can be made to other brand mic's.
Before I tried the Radio Shack model I modified a MFJ-284.

The same principals are involved but in the case of the MFJ there is
more latitude in how you accomplish the mod. The ptt switch is dpdt on
the MFJ and only spdt on the Radio Shack. Having two sets of switch
contacts allows you to use one set to ground the resistor and the other
set to apply the positve voltage to the mic element. Applying the
positive voltage rather than grounding the mic is probably prefered. If
you use the Radio Shack mic you don't have much choice and will need to
use the grounding method on the mic.

Now there are better parts available to do this mod, a noise cancelling
higher sensetivity mic for instance. If you are interested in really
having a high performance mic send a self addressed stamped envelope
and I will tell you how obtain these better performance parts. Send the
envelope to:

Terrapin Sales
P.O. Box 12426
La Crescenta, Ca. 91224-5426

Another cool place for HTX-202 and HTX-404 info as well as other ham
related topics is at the following address.

http://ourworld.compuserve.com:80/homepages/wa3rvt/

Make sure you check out .

The above was located at:
http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

Be careful if you chose the route of internal adjustment for the external
microphone audio. In so doing you will probably be in a position of over

deviating with the built in microphone.

Curtis Eickerman
WB6PUS
Phoenix, AZ

---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2095. IC-Z1A 800Mhz Mod - How To?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: gandt@ccom.net
Message-ID: <4mr8vu$kn5@Holly.aa.net>
Source record: 201582

Has anyone performed the 800mhz mod to the IC-Z1A?
I know that 2 diodes need to be added to the 2f or
f2 board. I can't seem to locate the proper board.

Any ideas would be appreciated.

D.Gan

2096. ICOM 275, 475 MODS?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: Bill Wehling <bweh@comland.com>
Message-ID: <31915215.185F@comland.com>
Source record: 201583

Has anyone seen, done, or know of modifications that will take
the Icom 275, or 475 out of band?
--
Bill Wehling <<<bweh@comland.com>>>

2097. Yaesu FRG-100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: Neil Soane <nsoane@pavilion.co.uk>
Message-ID: <319103D2.983@pavilion.co.uk>
Source record: 201584

All,

Does anyone have any comments about the Yaesu FRG-100 receiver please.
I'm thinking about getting one for general SW listening before I take my
RAE later this year and I'm wondering what people think about them.

Thanks,

Neil

2098. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-08 00:00:00 UTC
From: rolfe@ldp.com
Message-ID: <rolfe-0805961715460001@remote1.ldp.com>
Source record: 201585
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <831505842snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk wrote:

> I know this one was discussed thoroughly before, but I had less interest at
> that time and so I wasn't taking notes. Could I hear any views on the
> comparative advantages of the AEA and MFJ analysers in terms of accuracy,
> versatility and features. I am interested in both MF/HF and VHF, but I am
> willing to consider separate units for the different band ranges.

I bought an MFJ-259 after the last round of discussion here and am very happy with it. The accuracy is excellent, although I suppose this could vary from
unit to unit. The AEA has a graphics mode, which the MFJ lacks, but I find the analog controls and meters on the MFJ very easy to use, probably easier than a digital readout. Of course, the MFJ wins on price by a hundred bucks or so. I'm not a big fan of MFJ equipment normally, but I think this product is a winner.

Rolfe
W3VH

--
Rolfe Tessem
Lucky Duck Productions, Inc.
rolfe@ldp.com

2099. PIC repeater controller software??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: Erik Finskas OH2LAK <finskase@ee.port.ac.uk>
Message-ID: <319218A2.4334@ee.port.ac.uk>
Source record: 201412
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,req.radio.amateur.homebrew

Have anyone written any repeater control software for a PIC processor??

I found a repeater IDer, but would like to find also the rest of a
controller:

time-out timer, PTT control, tail delay.

No DTMF or CTCSS, just the normal timers and latches which are needed

Erik
--
Erik Finskas M1AAJ & OH2LAK
Email Finskase@ee.port.ac.uk
Lakki@clinet.fi
University of Portsmouth, UK
Department of Electric and Electronic Engineering

2100. Wireless Telephones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: tmilko@unisys.com.br
Message-ID: <4mtgj3$n7p@panther.unisys.com.br>
Source record: 201413

Sorry to post this question here, but this was the best I could find to this subject.

I'm looking for a wireless phone which has a long range reach, to be used in a large warehouse. The home Panasonic type phones cannot reach so far, can anyone help me to recommend a particular product, average price, and where to find in NY ?

Tks for the help !

Thomas
tmilko@uninet.com.br

2101. Yaesu FT-10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: TJM <74032.172@compuserve.com>
Message-ID: <31927BD4.113A@compuserve.com>
Source record: 201414

To all FT-10 owners;

If you are having problems with your FT-10 radio draining the battery while off;

Yaesu has a modification to the power switch which will be done under warranty.

The mod is not documentated fully yet so you may have to explain that your having a problem re above. (a phone call with a tech rep explaining this is my second radio with same problem and my previous invoice showed a switch mod done to 1st radio...tech said there were no mods yet for the FT-10 but upon research of my invoice found hand written paperwork with the power switch mod listed)

Any questions contact me.

Tom ; AA2VK
74032.172@compuserve.com

2102. Re: Help Learning Morse Code

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: bjohn@cris.com
Message-ID: <N.050996.155237.44@concentric.net>
Source record: 201415

> I've decided to take a shot at learning Morse Code with the
> intention of applying for a license in a couple of months. I
> don't know much about Morse Code or radio, except that I use
> an SSB marine radio sometimes. I did read an article that said
> that Morse should be learned at a rapid character rate, which
> makes sense. I have a software program that purports to
> teach Morse called NuMorse. Is this program good or is there
> something better? Should I get a keyer and oscillator? What kind
> of keyer? What make? Any advice would be appreciated. Thanks.

I found the best code learning material comes from Wheeler Applied Research Lab. The product is called Code Quick. I had tryed other programs with a little success. I learned more code in three days with Code Quick than with the others in three weeks. It is an audio cassette program which sells for around 42.00. They can be reached at 1-800-782-4869. Good Luck!

Ben Johnson
KF4JEB

2103. Re: Radio Shack HTX 202 antenna connection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <1549.6703T1011T1293@nycmetro.com>
Source record: 201416

>I've had a 202 for about a year now, and have been very happy with
>it when it works. I think the electronics are wonderful. The problem
>that I have with it is the mechanical connection of the antenna's
>bnc connector with the case. It uses a very thin screwed ring with
>two notches in it. This loosens frequently and causes intermittant
>contact with the inner electronics. This seems to cause two problems
>other than just being annoying. It breaks a soldered connection with
>the electronics and it causes some overload conditions on the
>transmitter, that causes it to die and require service. These problems
>have already put my ht in the shop three times. I'm so happy I
>bought the extended waranty. My questions are the following:

> Has anyone found a way of solving this problem?

> Has anyone found a decent tool for tightening this
> ring, other than a small screwdriver?

>Thank you.

>Howard, n1vxs

I had the same problem recently Howard. I suggest that you get yourself a
bottle of Loc-Tite from the Hardware store. Remove the ferrule, apply some
Loc-tite to the threads and retighten. Once this is done you should have no
further troubles. As to a Tool I use a Jeweler's screwdriver to tighten it.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2104. need mods kenwood TM-255

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: adriaan <adpe1khp@pi.net>
Message-ID: <NEWTNews.11594.831707689.adriaan@pi-user.pi.net>
Source record: 201417
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Hello,

Can someone help me with some mods for the Kenwood TM255 SSB transciever ??

I have some mods for the th79 for return.

73, Adriaan pe1khp

2105. Re: ic-706 antennas/duplxr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: cn2304@coastalnet.com
Message-ID: <4mtqjf$9ck@treasure.coastalnet.com>
Source record: 201418

In article <318FEC00.64D1@earthlink.net>
"David H. Malin" <aa6rv@earthlink.net> wrote:

> cn2304@coastalnet.com wrote:
>>
>> I wanted to pass along, if you use your 706 mobile with a Larsen 5/8 wave on VHF (2M)
and
>> run the high power on 6M (hamstick), with only a couple feet separating them on the roof
of
a
>> vehicle you can induce over 20 watts of power into your VHF antenna jack, this promptly
>> smokes D6 filter switching diode. The Larsen 5/8 is close to resonance for 6M and does a
fair
>> job of coupling the 6M power into the 2M antenna jack . I tested a simple 1/4 wave and
the
>> pickup was very low, way below half watt. Of course ICOM graciously repaired mine, after
that
>> boneheaded stunt, under warrantee and returned it 2nd Day UPS.
>>
>> Thought I should pass this along lest anyone else unsuspectedly gets that odor of
"cooked
>> diode" permeating the inside of your vehicle
>
> Hi Dick,
>
> Did you by chance use a Duplexer? That might have saved you that little problem.
>
> 73's Dave
> --
> **
> * *
> * Dave H. Malin *
> * 30447 N. Sunrose Pl *
> * Canyon Country,Ca 91351 *
> * Home 805-298-0300 *
> * Work 213-485-2918 *
> * ---------------------------------- *
> * Communications Electrican *
> * City Of Los Angeles *
> * ---------------------------------- *
> * TSgt 146 Aero Medical Evac Sqn *
> * California Air National Guard *
> * ---------------------------------- *
> * Old West Lodge No. 813 F.& A.M. *

> * Southern Calif Harley Riders Ass *
> * AA6RV Amatuer Radio Call Sign *
> * *
> ***************************************

-- - - - - - - - - - - snip - - - - - - - - - -

Hi Dave

No It did not occur to me, but that would let me put the hamstick back and put the 5/8 back on the 2M side, I will have to look around the flea market at dayton see what I can scare up Thanks for the idea.

73

Dick wb7ond

2106. Re: Radio Amateur PAGER...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: bblohm@boi.hp.com
Message-ID: <4mtrs4$aoi@hpbs2500.boi.hp.com>
Source record: 201419

Radiomatt (radiomatt@aol.com) wrote:
: Paging is in essence, an addressable broadcast. Since I don't think the
: FCC allows a one-way broadcast on any ham freq., I suspect it would be
: illegal. (The paging terminal (*data generator*) would probably be hooked
: to a phone line (a violation since the caller would control the channel),
: and if you used an answering service to generate the information, the
: operators would have to be hams.

Granting all this, let's assume that he intends to be paged by hams. In that case, some, if not all newer, radios allow you to set up the radio so that the squelch will only be broken by a specific DTMF code. The HTX-202 has that feature, for example. So, he could set the handheld to activate this feature (I forget what it's called, CTSS Squelch?) and tell his friends what DTMF code to send to activate his ht. Then when they want to talk to them, they send the DTMF tones and then can call him as usual. Then the squelch will break, he will hear his call and be able to respond. All other calls will be muted out. This would probably work best if not used on a repeater freq, as the tones might confuse the repeater. Also, if I remember right from when I played with this feature, he'd know he'd been called when he started hearing stuff from the ht, even if the other ham sent his call first then the DTMF tones instead of the other way around, since the squelch lock-out has to be re-set.

Just a thought, but probably not what he wants.

Bill B.
KC7JSD
bblohm@boi.hp.com

2107. Re: Radio Shack HTX 202 antenna connection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May9.170233.16965@ke4zv.atl.ga.us>
Source record: 201420

In article <587cc$b2826.196@News> hcohen@analogic.com writes:
>I've had a 202 for about a year now, and have been very happy with
>it when it works. I think the electronics are wonderful. The problem
>that I have with it is the mechanical connection of the antenna's
>bnc connector with the case. It uses a very thin screwed ring with
>two notches in it. This loosens frequently and causes intermittant
>contact with the inner electronics. This seems to cause two problems
>other than just being annoying. It breaks a soldered connection with
>the electronics and it causes some overload conditions on the
>transmitter, that causes it to die and require service. These problems
>have already put my ht in the shop three times. I'm so happy I
>bought the extended waranty. My questions are the following:
>
> Has anyone found a way of solving this problem?

Red Locktite. (Though if you ever want to be able to replace the
connector, and you will if you connect and disconnect antennas
frequently, use optical balsam instead.)

> Has anyone found a decent tool for tightening this
> ring, other than a small screwdriver?

It is called a beam spanner, available from places selling tools to the
optical trade. You can make do with an old pair of dividers whose tips
you don't care about buggering up. Sometimes a pair of snap ring pliers
can be made to work as well.

The most likely reason you are having this problem is excessive
connecting and disconnecting of antennas to the connector. A BNC
is an *assembly* connector. It is only rated for at most a few
hundred cycles. It is not designed for daily connecting and
disconnecting. Eventually the female center pin will lose its
spring, or fracture, and you'll have to replace the connector.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2108. Re: FT-50 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: digna@iti2.net
Message-ID: <597cc$12187.2f@royal.lanyap.com>
Source record: 201421

Alan Raskind <alan.raskind@trw.com> wrote:

>Don Boekenkruger wrote:
>>
>> In article <jpss-2304962132180001@ts01-10.dialup.ais.net>, jpss@ais.net
>> says...
>> >
>> >
>> >
>> > I was wondering if any out here can answer some questions about the
>> Yaesu
>> >FT-50R?
>> >
>> > How is it on intermod?
>> >
>> > I made the mistake once of buying a Kenwood TH-79a. That thing was
>> useless
>> >as it would pick up every radiating if oscillator with in a block of
>> itself.
>> >Was always hearing garbage, images etc. It went back to kenwood and was
>> >told thats the way it is and learn to live with it. Question...is the
>> >FT-50 prone to suck up this crud too?
>>
>> HA! If you thought that the Kenwood TH-79A was bad, then don't even think
>> about the FT-50R. I have both and the TH-79A has a receiver that is
>> millions times better. The FT-50R has an adequate VHF receiver, a HORRIBLE
>> UHF receiver, and the cellular receiver is terrible as well. The kenwood is
>> nothing to gawk over, but it blows the yaesu away.
>>
>> > How do you like the rx audio, qualitity?, loudness?
>>
>> Receive audio in the FT-50 is excellent.
>>
>> > Battery life?
>>
>> Battery life seems pretty darn good.
>>
>> > Anyone hack any mods?
>>
>> Yup. 140-174 and 420-470
>>
>> > Thanks !
>>
>> No prob.

>>
>> > Yaesu told me on the phone today that the FTT-12 keypad option will not
>> >be available till sometime in May.
>>
>> IA question. You may or may not know the answer. How does the FT-50R
>compare (receiver wise as compared above) to the FT-530? Do you happen
>to know. I would be curious.

>Thanks
>Alan

Whoever says that the receiver in the FT-50R is poor needs to have
their ears checked. I have one and it will run circles around the
TH-79A/D for intermod rejection. The Icom W-31A will too. The only
thing that the Kenwood might have over the others is better Tx audio.
The battery life for the FT-50R is respectable. I have been getting 8
to 10 hours normal use from the FNB-41 battery pack.
Yes, there IS a mod for this unit. You may be able to get it from
Yaesu or from ArtSci. You can also program crossband operation within
one memory channel. As far as I can find out, the FT-50R will NOT
X-band repeat, but who needs an HT to do that?
I would recomend the FT-50R for alot of reasons. I cary both the FT-10
and the FT-50R and use them for A.R.E.S./R.A.C.E.S. They get the job
done!!!! If I need to X-band repeat, I use my Icom IC-2350 for that
purpose.
73's
Bill de N0EVG

2109. FS: Radome Cellular Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: kb5wix@aol.com
Message-ID: <4mtvb3$see@newsbf02.news.aol.com>
Source record: 201422

For Sale:
Radio Shack "Radome" Cellular Antenna.
This antenna is less than an inch high, and only four inches square.
Soft surface
magnetic mount for mobile operation. Includes ten foot cable and cellular
connector. Also works as an 800 MHz scanner antenna.

Antenna is brand new, and originally sold for $49.99.

Will sale for $20.00, shipped free in the Continental U.S. via UPS.

2110. FS: Weatherproof cellular/800 MHz antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: kb5wix@aol.com
Message-ID: <4mtv07$sas@newsbf02.news.aol.com>
Source record: 201423

For Sale:
Radio Shack Marine Cellular Antenna (Cat. No. 17-313).
> 4 db gain
> 32 inches long
> 10 foot cable with TNC connector

Great cellular operations in fringe areas, such as marine or cabin. Also great for scanner use for 800 MHz operation.

Antenna is brand new. Original price $59.99.
Will sale for $25.00, shipped free in the Continental U.S. via UPS.

2111. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: Dan Nixon <adnixon@akorn.net>
Message-ID: <31928F0D.1718@akorn.net>
Source record: 201424

wrote:
>
> THE ONLY EXPERIENCE I HAVE HAD IS WITH THE MFJ 259. I HAVE FOUND IT TO BE VERY
> RELIABLE AND ACCURATE. I ESPECIALLY LIKE METERS FOR RESISTANCE, SWR AND THE
> FREQUENCY COUNTER TO SHOW AT WHAT FREQUENCY YOU ARE RESONANT. ONE FINAL COMMENT
> I HAVE FOUND MFJ TO BE VERY PROFESSIONAL AND WILLING TO ASSIST WITH ANY
> PROBLEMS AND THEY BACK THEIR EQUIPMENT.
>
> 73'S
> AL COPP KF4GKV
> GEORGIAI'd like to fully agree with Al's comments. I've found my 259 to be the
best buy for the dollar in all of my antenna arsenal. Also have found
the folks at MFJ to back up their products very well with FB service.
--
Dan Nixon, N4DVW
Loganville, GA USA
adnixon@akorn.net

2112. Smith Charts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: billr@pinsight.com
Message-ID: <4mu1m9$3rl@jolt.pagesat.net>
Source record: 201425

I have a box of Smith Charts that has never been opened. Original price was $22.00 many years ago. If you pay $5.00 to cover gas and the postage they're yours.

2113. Re: Help Learning Morse Code

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <3192BF24.5A65@worldnet.att.net>
Source record: 201426

Check out the articles on learning code by Dave Finley, N1IRZ at the following URLs:
http://hawk.nmt.edu:80/~bateman/sara/finley.morse.html
http://hawk.nmt.edu:80/~bateman/sara/finley.sm404.html

The second article deals with using the shareware program Super Morse and provides a link to download version 4.04. The newer version 4.10 is available from ftp.nuri.net or you can go to www.shareware.com and search for it. It's shareware and I think the registration fee is $20.

I commend you on your decision to learn the code. Just keep at it, it's not nearly as difficult as some claim.

Bob K4LXA

2114. Re: IC 706 - Low Power!??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: "Andrew D. Lawlor" <adlawlor@concentric.net>
Message-ID: <3192A85B.6776@concentric.net>
Source record: 201427

Chris Smith, NR3O wrote:
>
> > The radio output is only 25 W...I think that the radio is
> > broken because adjusting the power output to H is only give > me 25 Watts !!
>
> Roberto:

> If above doesn't get you back to 100 W, even into a dummy load
> (anything more than 2:1 SWR will also automatically reduce
> power output), I am clueless as to the cause.
>
> Good luck & 73

The cause is basically an automatic protection circuit built in to most
new rigs. It keeps you from frying your finals when your SWR is bad.
Isn't that thoughtful? I wonder if RS builds that into their rigs?

2115. Re: Ten-Tec 2m Mobile Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: ttuweb@midtenn.net
Message-ID: <4mtf1h$5m5@grumpy.midtenn.net>
Source record: 201428

In article <3189392E.7914@rosemail.rose.hp.com>, Stan Witherspoon
<stan@rosemail.rose.hp.com> wrote:
>Has anyone built the Ten Tec 2M kit?

I just finished building the kit for a review in 73 magazine.

>How does it compare to a rig from the big 3 in RF terms (Intermod,
>distortion, etc). I am not interested in out of band reception or DTMF
>paging. I am looking for a basic 2M radio that I can put together and
>maintain.
well when considering to purchase it or not you have to determine what your
main objective is. I think as with the way it was with Heathkit kits, if you
compare bargain commercial rigs, you can probably get more for your money when
you compare finished products, with the commercia rig.

For example, the Yaesu 2200 was discontinued and was selling for around $250.
I believe it puts out 50? watts on high power had many memories and does lots
of bells and whistles type stuff that the TT can't even come close to. I own
one and use it every day in my main vehicle.

The reason I got the TT kit is that I love to build and operate equipment that
I have built. The TT cost $199 with non-dtmf mike and about $250 with
additional amplifier kit that will bring power up to about 30-35 watts. I
loved building the kit, it was one of the best designed kits I have ever built
(and I have come close to building about everyone on the market). You build in
stages and test and align after each stage. The quality of the parts and
directions is absolutely top notch. If you have some experience you will love
the kit. Some sections have the components very tightly packed.. so care needs
to be taken in building.

The rig doesn't currently come with DTMF mike, so there goes the autodial
without adding a RS or other 3rd party device or mike, it does have a
connector for packet, and very easy to get the rig on packet. There is no
memory scanning, which is my other minor complaint.

So bottom line .. feature for feature. the commercial rig will blow the doors
off the Ten Tec, but building the kit and using it was more than worth the
price for me. I am using as my shack rig, hooked up to packed with the local
repeaters programmed in .
73, Jeff, AC4HF

>
>
>I hope it's better than the Ramsey kit.
>
>stan

-

2116. Fw: More facts on (Best Dual-Band Handheld)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: lpvwwwtp@cencom.net
Message-ID: <N.050896.200456.77@saranac_2nd_ppp_40.cencom.net>
Source record: 201429

Hi,
I called Radio City (which was the only ham outlet open after 6:00pm) and I got hold of a intelligent sounding operator who I squeezed acouple of facts out of. First of all, even though he sells Icoms, he seemed to feel the same about them as you felt. Secondly I got the price on the dual-band Kenwood HT (I think that thta means handheld) it was a rather steep $459 which he agreed was probably the best dual-band handheld. I poked further to find that the TH-79D has 5w transmit on 2 meter and less on 440Mhz. (which was apparently for safety reasons, it being a higher frequency and closer to microwaves) it had full 2 meter tx but only 438Mhz-450Mhz tx in 70 centimeter band. I then found that the FT-51R, Yaesu's competiton cost the same, but lacks cross-band repeating capabilities, and the easy-to-read dot-matrix display. The FT-51R did, however, have a spectroscope which I guess gives you a graphic read-out of full band activity. I think the operator said that cross-band repeating let the handheld act like a repeater with a band-offset. He went on to tell about the models more in my budget range (though if you feel the Kenwood to be worth the extra money, tell me). The Yaesu FT-50R is a tiny little dual-band (which has tx. capabilities of full 2 meter and 430Mhz-450Mhz) plus {brand-new} that goes for around $329, the man said that this lacked the ease of programming that the Kenwood has and it lacked the cross-band repeating {or maybe all repeating capabilities altogether} Once programmed, however, this hold more memories and will operate just as well {or so he says}. The batteries come with them, but sold seperately will cost $90 for the Kenwood TH-79D and $50 for the Yaesu FT-50R {these are the high-power battery prices) The kenwood has a standard BNC connector and the Yaesu an available, but not so common SCR (I think) connector. Your input is welcome! I'm leaning towards the FT-50R (which the man said he has been selling like hot-cakes) The Alinco DJ-G5T wasn't even mentioned (do you have any clues why he wouldn't recommend it?)

Wondering,
Turner Gutmann

2117. Re: STILL LOOKING FOR ICOM 820H INFO OR TO TRADE OR BUY? AGC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: Dave Karle <elrak@bright.net>
Message-ID: <3191EE9B.14B8@bright.net>
Source record: 201430

i have had an 820h for a year now. still like it! higher rf output makes it difficult to use 10w solid state amps.

rx & tx audio is very good, noise blanker is only barely adequate, although about par for average rig.

satelite operation works pretty well if you are into that.

has many other features that are useful and fun....full featured fm with wide coverage on both bands and at the same time!

ssb operation is quite good holding its own with the others on the market.

enough said.good luck dk

2118. Yaesu Equiptment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: breaux@ix.netcom.com
Message-ID: <31916dd7.6553988@nntp.ix.netcom.com>
Source record: 201431

I am in the progress of upgrading radios. I am trying to decide
between a FT-1000-D and a FT-1000-MP. Please let me know
if you have any information or experience with either unit. Please
let me know which unit you like better or which unit you would go
with. I personally like DXing and Digital Modes.

Michael
AC6FM
Michael A. Breaux
Poway, California

2119. RS HTX-202 Low Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4mrt3i$ffc@dfw-ixnews2.ix.netcom.com>
Source record: 201432

You last post was very useful and informative. It is too bad Maxon ooops I mean Radio Shack didn't design the radio properly in the first place. The real problem with the RS radios is the poor quality assurance and lack of support in most stores. I don't expect an electrical engineer for what RS pays but I also don't expect defenctive returned equipment to be restocked for the next sucker ooops customer to buy. I really believe a new ham is much better off with real ham equipment rather than a RS piece that might or might ot work properly.

73 Jerry

2120. Re: IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: rpeebles@ix.netcom.com
Message-ID: <4msnal$gbt@dfw-ixnews8.ix.netcom.com>
Source record: 201433

In <1996May5.153608.28273@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>

>Somebody who *hasn't* modified their IC-706 yet please try this
>test. Tune the IC-706 to 75.352 MHz and listen on 144.365 MHz
>with your HT for LO leakage. Report back here what you hear.
>
>Now this is only a sample of one, your radio may vary. I don't
>think you can get in trouble, however, if you do the yellow wire
>mod and use it to tune above 2m. It is barely possible you could
>have a problem if you tuned around just below the FM broadcast band,
>but I doubt it. If my radio is typical, I believe you're still within
>the Part 15 standard, but I don't have the relevant Part 15 standard
>in front of me and I could be wrong. I couldn't kerchunk any of the
>local 2m repeaters with this re-radiation, even when the radio was
>connected to my 2x4Max gain colinear at 70 feet. I'm full quieting
>into one of those machines with the 260 mW of my C508A on its rubber
>dummy load at ground level to give a point of comparison.
>

I haven't done the yellow wire mod, and my 706 behaves just like Gary's. I can't hear it in the next room, nor can I hear it outside with the hand held next to the antenna.

If this small amount of radiation is outside the part 15 specifications, then I have to wonder about some of the FM broadcast radios. I listen quite a bit to a semi local on 107.1 and the carrier generated by the local oscillator of a radio several cars away tuned to the local on 96.3 will trash my reception.

--
Rob Peebles, WD8LXX
Dublin, Ohio

2121. Re: RS HTX-202 Low Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <4mt4e8$3s0@dfw-ixnews5.ix.netcom.com>
Source record: 201434

Please tell us which ham store fixes your Yeacomwood while you wait, or how far you have to drive to get to a ham store. I have a RS 4 blocks from my house, the closest (only) ham store in Houston, Texas (something like the 4th largest city in US) to me is on the north side of town 30 miles from my house, and the times I did make the trek I couldn't convince the guys sitting around complaining about how hams only want to buy used cheap stuff and won't pay for anything new, to get up and help me, so I left.

I really think your comments about the design and quality of the 202 are not based on fact, I see many hams here in Houston using the 202, and all I've talked to are pleased. I get great signal reports on the air, until I tell them the rig is a RS, then the signal report gets downgraded unless the other Ham is using a RS also.

I don't think the rigs are perfect, but the intermod rejection of the 202 is so far superior to anything else in the 2m handheld catagory I have seen working many public service events in downtown, I can't see why anyone in a large city would by anything but the RS HTX-202.

KI5GY Glenn Sparks

In <4mrt3i$ffc@dfw-ixnews2.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>
>You last post was very useful and informative. It is too bad Maxon
>ooops I mean Radio Shack didn't design the radio properly in the first
>place. The real problem with the RS radios is the poor quality
>assurance and lack of support in most stores. I don't expect an
>electrical engineer for what RS pays but I also don't expect
defenctive
>returned equipment to be restocked for the next sucker ooops customer
>to buy. I really believe a new ham is much better off with real ham
>equipment rather than a RS piece that might or might ot work properly.
>
> 73 Jerry

2122. Standard C-528 A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: bobd@rivint.com
Message-ID: <4msjf2$efo@mikasa.iol.it>
Source record: 201435

I am thinking of buying a Standard C-528 A, which will be used primarily on my sailboat. I am newly liciensed and this will be my first ham radio.
I would like to hear from anyone with experience with this radio or with suggestions for operating marine mobile.
Bob

2123. Morse Keyer kits?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: zachb@netcom.com
Message-ID: <zachbDr4Hut.9s1@netcom.com>
Source record: 201436
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I'm going to be testing for my Tech+ license soon, and I obviously need to start learning the code. In ARRL's Now You're Talking! it gives two addresses that sell the code practice oscillator kits. However, it doesn't provide current prices. Does anyone have a current catalog for either of these places, and if you do, could you send me the price and part #? I'm pretty eager to start here.

The companies are:

Van Gorden Engineering
PO Box 21305
South Euclid, OH

and

Hoosier Lakes RC
Bob Davis, K9RD
942 E Clark Street
Warsaw, IN 46580

Thanks!

--
zachb@netcom.com
zachb@odyline.com

2124. Re: Need info on Ameritron QSK-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4mru70$619@crash.microserve.net>
Source record: 201586

w8jitom@aol.com (W8JI Tom) wrote:
>n4lq@iglou.com (Steve Ellington) writes:

>>Does anyone know anything about the QSK-5 adapter?
>>
>>Does it have a seperate receiver output which goes to the aux
>>receiving antenna on the transceiver?

>Not as shipped but one can easily be added.

How does it route singnals back to the receiver if there's no
receiver output from the switch? Does this device switch both
the input and the output of the amplifier?

73,
Jack WB3U

2125. Re: Ten-Tec Transvertor Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4mruj2$9s0@news1.slip.net>
Source record: 201587

I just finished the any band receiver kit. The 29 dollar one. For the money it was a lot of fun putting it together, but don't expect too much from such a simple direct conversion receiver. It worked as soon as I finished,but in the booklet there is a test that you are supposed to do during construction that did not turn out as the book said. I called TenTec and quickly got a tech who told me that I probably would not get the results indicated in the booklet, but not to worry, everything was probably OK. (He said that I would not be able to induce enough Hum into the circuit to get the indicated results.) Anyway I had alot of fun building the enclosure and adding a few things to the basic kit, and even though I have not hooked it to a good antenna (using a 3 foot piece of wire on 40 Meters!) I have had acceptable results from the simple set that it is. My recommendation; If you want to play with a kit and do not expect too much from a simple circuit, spend the 35 bucks and get something that you can use to listen to some ham activity. Good for practicing code. Easy to put together. Use sockets for the two ICs. mail me if you want to discuss anything else. The 9 Band receiver is on the way (They had delays getting this to me) and I'll be looking forward to putting it together, and it will be easier because it includes all the parts. Even though I enjoyed fabricating an enclosure and adding switches etc, it took some time. I have also built one Oak Hills kit (40 meter Sprint) and I have a 20 Meter Explorer in a box waiting to be built. Ron Giuntini KB6GK (rong@slip.net)

2126. Re: CAN YOU IDENTIFY THIS MICROPHONE? << HELP >>

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: cstimson@hookup.net
Message-ID: <4mrgon$h9c@loki.tor.hookup.net>
Source record: 201588

Bill <debral@falcon.cc.ukans.edu> wrote:

>I have an old Turner microphone that I hope one of you out there can help
>me identify.

>Here is the description:

>---

Hi Bill,

It sounds like a Turner +2 Desk mike that is popular with CB'rs
(myself included at one time). You did not mention the colour of the
finish. Would it happen to be blue? Also is there a gain control
located behind the shaft. If so, I believe it is pre-amplified dynamic
microphone.

73 de Craig

++
+ Craig Stimson +
+ E-mail: cstimson@hookup.net +
+ AX.25 : VA3DCS@VE3ZRD.#SCON.ON.CA.NA +
++

2127. Re: Regency still alive?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: Hugh Pearson <hpearson@stc.net>
Message-ID: <3191E37B.20A9@stc.net>
Source record: 201589
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

Jeffrey Herman wrote:
>
> I'm getting an older Regency tone-alert monitor from some fire dept.
> I'd like to re-crystal and re-tone it for the NWS on 162.55 MHz.
> Anyone know if Regency is still in business? The xtal shouldn't
> be a problem but I'm worried about getting the 1050 Hz tone
> decoder for it.
>
> Thanks in advance,
> Jeff KH2PZ

Jeff:

Regency is still in business but they are now RELM Communications
1-800-821-2900.

Hugh, KB4IZF
--
mailto:hpearson@stc.net
http://www.geocities.com/SiliconValley/6694

2128. Re: IC 745 Battery replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: n5off@aol.com
Message-ID: <4msd9k$bgt@newsbf02.news.aol.com>
Source record: 201590

Everybody just hold on . . .

First, check your voltage (carefully!).

If it is above 2.5V, just keep jammin'. Only worry if it is low.

Then, if it is low, you have nothing to lose by trying it yourself. I
used 2 AA's soldered in II while I took the old one out, and soldered in
the new one.

Then, I sent the board to VE6MGS who changed my RAM upper limit such that
I could rec up to 37 Mhz on the 751, but that is another story.

Bottom line . . check the voltage. If it is >2.5V leave alone.
If it is low, change it while having a backup wired in. Piece of cake.

Icom is a last resort for a botched job.

Tom Marcotte
N5OFF@aol.com
n5off%w5ddl.aara.org@usl.edu
Lafayette, LA, USA
Home of the University of Louisiana at Lafayette
Ragin Cajuns

2129. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: niceguy@calweb.com
Message-ID: <3191ca18.116534654@news.calweb.com>
Source record: 201591

>
>To the original poster there is a deviation adjusrment I can't remember
>just which pot it is but I am sure someone here can help you. Don't
>mind Clint he just has a lot of Radio Shack stock.
>
> 73 Jerry
>
I just bought a used 202 recently and had the same problem. I
adjusted VR1 (the trimmer right next to the mic board). That took care
of my low audio problem and now I have great audio, according to
everybody I talk to.

73

Phoebe

KF6DHR

2130. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <831635893snz@microvst.demon.co.uk>
Source record: 201592

In article <4mrph0$4dm@newsbf02.news.aol.com> w8jitom@aol.com "W8JI Tom" writes:

> In article <1996May5.163121.28590@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
> (Gary Coffman) writes:

> >3rd order -41 db
> >5th order -38 db
> >7th order -55 db
>
> >All figures are db down from one tone of the two tone test signal, and
> >are interpolations from the graph. They might be off a db one way or
> >the other due to my interpolation.
>
> This data confirms this particular tetrode has poorer IMD performance than
> a grounded grid 8875 would produce. As I said earlier:
> "8875 measured third order (one measured sample of a pair of tubes 1980
> data) : -39 dB third, -44 dB fifth at rated output. Your reported data was
> -38 and -48 dB with negative feedback. Where's the "big universal tetrode
> advantage"?"
>
> Now your data suddenly becomes even less supportive of your (and the
> author of the 811 article's) claims, with the tetrode 6 dB poorer than the
> triode in a laboratory test.

Is this a level comparison? Gary says his numbers are of IMD products relative to the amplitude of one of the two tones (wonder why just one, weren't the two equal?) Standard IMD performance is quoted versus a point 6dB ABOVE the individual and equal two tones, i.e. versus the PEP of the combined two-tone product. As I'm not sure whether Tom is using Gary's unorthodox standard or the more usual one which is used in the more recent ARRL lab reports (the ARRL changed to this format a few years ago), I can not be sure whether these numbers are indeed different or identical.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2131. New Standard Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: Brian Gould <rmedic@frii.com>
Message-ID: <3191A6AB.5615@frii.com>
Source record: 201593

Hi folks.

Saw an add for A new Standard Mobile in Last month's QST. Of course I can't find the damn magazine now and I
can't remember the model number. But it was a Tri bander (6m-2M-70cm) that had extended RX on both VFO's and
210 memory channels, AM decode for air band, and a slew of other features. It sure looked intresting and at
that time I called Stanard and they said the radio would be availible "In April" since it hadn't been accepted
as of then by the FCC.

Hmmm. checked Standard's Web page the other day and no new info. I haven't seen it advertised yet.

Anyone have more details?

Thanks & 73's
Brian KB0MEP

2132. RE: YAESU AT-180 Tuner (for IC-706)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb3d9f.f1e79100$06101dcc@gfiber.halcyon.com>
Source record: 201594

On Tuesday, May 07, 1996, James Garland wrote...
> In what was possibly my most extreme act of silly impulse buying, I
> shelled out $500 for an AT-180 tuner for my Icom 706. I used it last
> night and was very disappointed. For example, on an 80meter inverted vee

> which is resonant at about 3700KHz, it wouldn't produce an acceptable
> match at 4000KHz. It wouldn't match the 80 meter antenna on 40 meters.
> I'd be interested if there are any other folks out there who have tried
> this tuner, and what their impressions are.
>
> Jim W8ZR (sadder, but probably not wiser)
>How high is the mis match on the antenna at 4000 KHz ? the AT-180 will only do up to a 3:1 mix\s match. If your antenna is higher than that, you have exceeded the specifications for the tuner and it simply will not tune the antenna. The specifications are published in your IC-706 operators manual.

Gary

2133. MANUAL WANTED FOR IC-U16

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: An Cao <acao@micro.ti.com>
Message-ID: <4mt19t$41m@hammerhead.dadd.ti.com>
Source record: 201595

e-mail acao@micro.ti.com

2134. RE: IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb3da2.f2a1b1e0$06101dcc@gfiber.halcyon.com>
Source record: 201596

Gary,

> The yellow wire mod works, and was apparently circulated by someone within
> Icom America itself shortly after the radio came out. My first reaction on
> reading this was to say "Hogwash!", but then I thought that maybe I ought
> to do some investigation first.

The Yellow wire modification was first written here in this news group. ICOM did not figure this out, some other owner of the 706 did so. When the yellow wire is cut it turns off the bandpass filter as shown on the block diagram that covers 60 to 200 MHz and turns on the 2 meter bandpass filter any time you tune above 60 MHz. There may be some receiver radiation because of this and the radio will not pass Part 15 after the modification. Remember Part 15 basically is a test where the radio is looked at for all possiable frequencies to see if the receiver is going to bother consumer electronics and such.

This is most likely no skin off any bodys nose but a manufacturer can not sell a radio that will not pass Part 15 where the receiver operates above 30 MHz, after the sell the manufacturer has no more responsibility as he can not control the owners actions. Although the manufacturer gets into the intent of the law and can bypass the letter of intent or fines could and will result with possiable loss of a type acceptance of a product. As you know amateur equipment, only the receiver is tested and only those receivers that operate above 30 MHz specifically. Amateur transmitters need only be compliant with Part 97 and are not tested by the FCC for any spurs etc. in the amateur service.
Manufacturered Low Band Linear Amps are the only device that receive an actual Type Acceptance, this to prove they do not cover 24 to 29 Mhz out of the box in the United States. In Canada this rule of course does not apply and amps sold there have full frequency coverage out of the box.

Anyway its a moot point, cut the wire, the manufaxcturer will not likely incorporate this " mod " into manufacturing.

Gary

2135. RE: Icom IC-2KL with Kenwood TXRX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb3da3.956f8d20$06101dcc@gfiber.halcyon.com>
Source record: 201597

> > I use a Kenwood TS-870 and have been offerred an Icom IC-2KL
> > linear amp. Has anyone used this with a late model Kenwood
> > TXRX? Any problems with ALC or TXRX switching? The manual
> > seems to infer that the amp. will not work without ALC
> > connected ..
> > Please post replies to damien.vale@airservices.gov.au
>
> > Damien VK3CD

The ALC coming for tje IC-2Kl which is 0 to - 4 volts is most likely not compatiable with Kenwoods required ALC voltage.

Gary

2136. RE: Icom W31A mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb3da3.f56c4e20$06101dcc@gfiber.halcyon.com>
Source record: 201598

On Wednesday, May 08, 1996, Dave Alden wrote...
>
> Hi,
>
> I've ordered an Icom W31A (found it for $380). I've poked around
> on all of the archive sites I could find, and none of them had any
> mods for the W31A -- if anyone has any mods for it, please post them
> or email them to me (I've received a couple of mods for the Z1A, but
> no one knows for sure if the mods will work on the W31A).

Dave,

I can tell you from personel experience the modifications as published in
" radio ? Tech Modifications " edition 8A work VERY well. Artsci
publishes this book call them at 818-843-4080.

Gary

2137. Help a newbie -- Icom W31A, Z1A or W2A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <960509054437121 81@saloon.bcbbs.net>
Source record: 201599

```
A>down to one of 3 (all Icom), the W31A, Z1A or W2A (obviously used :-). I
A>want a radio that can do wide-band rx. I read that the W31A can easily be
```

Have you looked at the W21AT? I've played with a W31A and much prefer
my W21AT.

 QMPro 1.53 The dog ate my .REP packet.

2138. Re: Regency still alive?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: Steve Bramham <steve.bramham@turner.com>
Message-ID: <4msq7f$f56@tbsnames.turner.com>
Source record: 201600
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

jherman@Hawaii.Edu (Jeffrey Herman) wrote:
>I'm getting an older Regency tone-alert monitor from some fire dept.
>I'd like to re-crystal and re-tone it for the NWS on 162.55 MHz.
>Anyone know if Regency is still in business? The xtal shouldn't
>be a problem but I'm worried about getting the 1050 Hz tone
>decoder for it.
>
>Thanks in advance,
>Jeff KH2PZ

Regency was renamed RELM Communications several years back.
I have been a Wilson turned to Regency turned to RELM
Communications dealer since the early 1980's. Good product at a
reasonable price.
Contact RELM at:
RELM Communications
7505 Technology Drive
Melbourne, FL 32901

407-984-1414

Hope this helps.

Steve Bramham, KD4RG

2139. Re: Need info on Ameritron QSK-5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: cjrobins@falcon.eag.unisysgsg.com
Message-ID: <4msq9s$c4k@falcon.eag.unisysgsg.com>
Source record: 201601

WB3U (jackl@pinetree.microserve.com) wrote:
: w8jitom@aol.com (W8JI Tom) wrote:
: >n4lq@iglou.com (Steve Ellington) writes:

: >>Does anyone know anything about the QSK-5 adapter?
: >>
: >>Does it have a seperate receiver output which goes to the aux
: >>receiving antenna on the transceiver?

: >Not as shipped but one can easily be added.

: How does it route singnals back to the receiver if there's no
: receiver output from the switch? Does this device switch both
: the input and the output of the amplifier?

: 73,
: Jack WB3U

Yes.

Clair, K0CJ

73, Clair K0

2140. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4msva7$hkj@newsbf02.news.aol.com>
Source record: 201602

In article <831635893snz@microvst.demon.co.uk>, "Anthony R. Gold"
<tgold@microvst.demon.co.uk> writes:

>Is this a level comparison? Gary says his numbers are of IMD products
>relative to the amplitude of one of the two tones (wonder why just one,
>weren't the two equal?) Standard IMD performance is quoted versus a
point
>6dB ABOVE the individual and equal two tones, i.e. versus the PEP of the
>combined two-tone product. As I'm not sure whether Tom is using Gary's
>unorthodox standard or the more usual one which is used in the more
recent
>ARRL lab reports (the ARRL changed to this format a few years ago), I can

>not be sure whether these numbers are indeed different or identical.
>
>Regards,
>--
> Tony - G3SKR / AA2PM

Hi Tony,

Very few standards seem to be followed in Amateur testing of products.
I've assumed Gary relayed the informaation correctly (in reference to a
single tone), so I've tried to use those reference values.

But my main point is this. Two tone tests are not good indicators of real
world advantages of one PA design over another, because they generally
fail to subject the equipment to the same conditions met under real
operating conditions. Contrary to Gary's claims, when properly designed
PA's using conventional triodes and tetrodes are tested with the same
method, neither one comes out a sure winner in IMD. Some tetrodes are poor
performers, as are some triodes...and the opposite is also true. But all
in all, both genders are about equal in the real world when **properly
adjusted and designed**. It's the simplicity of operation and design that
makes the grounded grid triode "shine".

Consider this example of the complexity of a comparison.

We don't know if adjustments were made to provide the best IMD performance
while watching the analyzer, or if the amplifier was tuned strictly by a
"recommended method" employing conventional meters. Uner laboratory
conditions and with an experienced operator watching the analyzer, the
tetrode and triode tuning will both be correct. In the real world, the
triode would have a huge advantage due to it's less complicated and more
forgiving nature. The tetrode is also more subject to dynamic changes in
grid voltages that may influence operation much differently under two tone

or voice conditions. The triode generally behaves the same under both conditions.

The only thing that can be technically said (with some assurance of universal truth) is tetrodes drive easier but are much more dependent on correct tuning and design, while grounded grid triodes employ less complicated supporting circuitry that is both easier to design and less critical to operate.

My main point, concerning IMD, is that ANY PA used with a high power amateur type exciter is best designed when using the full excitation level available. All of the solid state radios I've measured produce cleaner voice modulated signals when operated near rated output power.

Even if those measurements are an anomaly, the difficulty in keeping the control grid out of current and the screen in the proper current range is a major concern. The ALC and power control response delay problems in radios dictate designing the AB1 tetrode PA to use very near the peak drive available. Using 20-60 percent of the rated output, as some designs suggest, is an open invitation to splatter...particulary with an operationally sensitive circuit like a grid driven AB1 tetrode PA.

There's nothing wrong with recommending use of an inexpensive tetrode to save money, although it's technically damaging to list advantages that don't exist. False or exaggerated claims used to promote an author's product in a technical or historical article are especially damaging because they confuse people trying to understand basic technical facts.

73 Tom

2141. Re: YAESU AT-180 Tuner (for IC-706)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4mt8ge$7jj@safety.ics.uci.edu>
Source record: 201603

In <01bb3d9f.f1e79100$06101dcc@gfiber.halcyon.com> Gary P. Fiber <gfiber@halcyon.com> writes:

>On Tuesday, May 07, 1996, James Garland wrote...
>> In what was possibly my most extreme act of silly impulse buying, I
>> shelled out $500 for an AT-180 tuner for my Icom 706. I used it last
>> night and was very disappointed. For example, on an 80meter inverted vee

>How high is the mis match on the antenna at 4000 KHz ? the AT-180 will
>only do up to a 3:1 mix\s match. If your antenna is higher than that, you

Yes, many of the auto tuners do not have a wide range of impedances
that they will match.

However, it seems a little extreme that your inverted vee would
match in the center of the band and the tuner would not get you to
the other end. Check the SWR over the whole band to see what is
happening. Sounds like your inverted vee could use some adjustment
anyway :-) .

The auto tuners are really fine, don't get too discouraged. I have
used a "G5RV" style antenna with my TS 440 with auto tuner and I
was able to match on all bands 80-10 (but 15 meters had so much loss that
it was useless :-) . It just takes some adjustments of your antennas
to get them "close enough".

Clark
WA3JPG

2142. FS: TS-50, PCS 7500H, HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4mt96l$6hr@nnrp1.news.primenet.com>
Source record: 201604

Hello!

Time to move on to bigger and better things.

I have the following for sale.

Kenwood TS-50 (manuals, mic) 100W HF $600.00

Azden PCS-7500H 6mtr FM 50 w (manuals, mic, box) $300.00

Radio Shack HTX-212 45W 2mtr FM (manuals, mic, box) $200.00

All are in exelent condition. TS-50 does not have original box.
All prices are firm. Will ship for $10 extra (per rig). Cannot hold
items for "maybes", first come first served. The TS-50 was purchased
new on 2/2/94, the Radio Shack and Azden rigs were purchased 6 months
ago.

I can be reached at the following:

Home Phone: 1-602-931-0157 (M-F 6pm-11pm MST; S-SUN any time)

Email: n7ory@primenet.com

2143. SuperMorse-got it, thanks.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4mta9q$nt6@pulp.ucs.ualberta.ca>
Source record: 201605

Hi,
Thanks for the great response on the post for the SuperMorse
software. I now have a working copy, and now the fun (upgrading)
begins. Thanks again.
Chris VE6RDC

2144. ALINCO DR-600 MIC GAIN

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: Greg Smith <gsmith@dnaco.net>
Message-ID: <31923F45.10D8@dnaco.net>
Source record: 201606

Does anyone know where the POt to turn up the Mic gain on an ALINCO DR-600 is? None of the pot's are labeled inside the radio. Mine has very very low audio.

Greg, N8PPZ

2145. Need buy scanner other than Radio shack in toronto!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: netsvic@ipoline.com
Message-ID: <4mtauj$12gc@ipo.ipoline.com>
Source record: 201607

Hi ! Does anyone know where can I buy scanner other than R. S. in
toronto ? Please let me know !! Thank you!!

2146. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4mt41d$9bp@nntpa.cb.att.com>
Source record: 201608

In article <831635893snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk says...
>
>Is this a level comparison? Gary says his numbers are of IMD products
>relative to the amplitude of one of the two tones (wonder why just one,
>weren't the two equal?) Standard IMD performance is quoted versus a point
>6dB ABOVE the individual and equal two tones, i.e. versus the PEP of the
>combined two-tone product. As I'm not sure whether Tom is using Gary's
>unorthodox standard or the more usual one which is used in the more recent
>ARRL lab reports (the ARRL changed to this format a few years ago), I can
>not be sure whether these numbers are indeed different or identical.
>
>Regards,
>--
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

It doesn't matter which method is used, as long as it is clearly stated. It is assumed, when comparing to one of the tones, that the two are of equal amplitude.

Rob WB8WQA

2147. Re: Radio Amateur PAGER...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4mtcdu$lsk@newsbf02.news.aol.com>
Source record: 201609

Paging is in essence, an addressable broadcast. Since I don't think the FCC allows a one-way broadcast on any ham freq., I suspect it would be illegal. (The paging terminal (*data generator*) would probably be hooked to a phone line (a violation since the caller would control the channel), and if you used an answering service to generate the information, the operators would have to be hams.

2148. Re: Regency still alive?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: leigh@rain.org
Message-ID: <4mtebm$p60@news.rain.org>
Source record: 201610
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

Hugh Pearson (hpearson@stc.net) wrote:

: Regency is still in business but they are now RELM Communications
: 1-800-821-2900.

Speaking of RELM, the company that bought the commercial radio section of the old Regency corp, I've dealt once with RELM and was very satisfied.

Someone gave me an old clunky 4-channel rockbound Regency BTL-304 39 mhz mobile radio, and I was able to buy a manual and 50 mhz/6 meter conversion parts from RELM with a fast delivery time. Although the service manual was fairly expensive, the other parts were reasonable and delivery was quick.

(My friendly local tech who did the 39-to-52mhz conversion said it was very difficult to retune, BTW. But the conversion did work fairly well.)

--Leigh Marrin/KM6JE.

2149. ?? Yaesu FT-530 still available ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-09 00:00:00 UTC
From: t-mathur@students.uiuc.edu
Message-ID: <4mte66$r55@vixen.cso.uiuc.edu>
Source record: 201611

I was looking into buying a Yaesu FT-530 after hearing about the $70-off special price, but it seems like I started my search too late. Most places I have asked are already sold out. If anyone knows of a place where the 530 is still available, please let me know via email.

Thanks in advance,

Tarun

2150. Re: GMRS equipment, need help finding

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: William J Rahl <impact@mail.snet.net>
Message-ID: <4n06f0$1sc8@CT1.SNET.Net>
Source record: 201312

I would pick another choice than the Maxon GMRS210+3 I have had three of them. And have had nonstop troublr with them to this day. Mine have more time at Maxon Systems than in my hand. Radios had tone encoding problems,Short circuits, And the biggest problem to date is the Programming shorting out and reverting back to the Factory set channels. I had mine on my frequencies and when I turn it on All the tones and channels I had set were wiped out! Maxon never fixed this problem and they never said what they did to fix my radios. Normally, you would think there would be a explaination of what was fixed or replaced. Also the Maxon's are in a pretty cheap case. One drop and its all over for them. Yes I am dissatisfied with Maxon. That is why I am giving you some end user input before you buy. My advice Go with a Kenwood or Icom, A little more money but worth it.

Regards,
Bill

2151. Re: GMRS equipment, need help finding

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: William J Rahl <impact@mail.snet.net>
Message-ID: <4n06ko$1sc8@CT1.SNET.Net>
Source record: 201313

I would pick another choice than the Maxon GMRS210+3 I have had three of them. And have had nonstop troublr with them to this day. Mine have more time at Maxon Systems than in my hand. Radios had tone encoding problems,Short circuits, And the biggest problem to date is the Programming shorting out and reverting back to the Factory set channels. I had mine on my frequencies and when I turn it on All the tones and channels I had set were wiped out! Maxon never fixed this problem and they never said what they did to fix my radios. Normally, you would think there would be a explaination of what was fixed or replaced. Also the Maxon's are in a pretty cheap case. One drop and its all over for them. Yes I am dissatisfied with Maxon. That is why I am giving you some end user input before you buy. My advice Go with a Kenwood or Icom, A little more money but worth it.

Regards,
Bill

2152. Yaesu FT-2500 question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: bmeadows@ccd.harris.com
Message-ID: <4n09cj$7iuu@rs2.ccd.harris.com>
Source record: 201314

I am looking for information regarding mods for a Yaesu FT-2500 radio. I have looked at a number of places on the internet with no luck.

I have found mods for the FT2400 but things have changed in the FT2500.

Thanks
Bob

2153. HL-2200 Heathkit Amp ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4mvvmt$dc9@dfw-ixnews3.ix.netcom.com>
Source record: 201315

I bought a HL-2200 at a recent tailgate and need some info.
This amp is based on the SB-220/1 series but was produced after the CB amp ban and so does not cover above 15 meters. Does anyone have any information on modding this amp or perhaps modding the SB-220/1 series.
I suspect the 10/12 meter input coils for the SB series would work.
Any info would be greatly appreciated. With the current state of the bands this is not a priority but hopefully this will change soon.

Thanks 73 de Jerry KK5YY

2154. Yaesu FT-10 on Aircraft Freqs.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: jkolin@cloud9.net
Message-ID: <4n06t0$jou@news.cloud9.net>
Source record: 201316

Anyone know how to program an FT-10 so it will receive AM
from 110 to 130 Mhz?

Thanks

Jay

NE2Q

2155. W31A rx between 50-100 MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: alden@math.ohio-state.edu
Message-ID: <4n09lj$or5@math.mps.ohio-state.edu>
Source record: 201317

Hi,
I did the keyboard mod to the W31A to get it to rx between 50-300MHz.
However, I don't seem to get anything below 100 MHz even though I seem
to be able to tune down to 50 MHz. I do have (what seems to me) to be
a very low serial number (01453) -- I wonder if there was a problem with
earlier units? Any suggestions?
...thnx,
...dave alden

2156. Re: TM221A 2M Mobile Lithium Battery Replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: wargocki@ultranet.com
Message-ID: <wargocki-1005961000100001@linus.mitre.org>
Source record: 201318

In article <4muc0g$muv@news.isl.net>, kgibson@isl.net wrote:

> I have a Kenwood TM221A that cannot retain it's memories. Is the Lithium battery dead? I opened
> it up and tried to find it but I don't see anything that looks like a
> battery. Does anyone know how to locate and replace it?

I have the later model, a TM-231 and have replaced the battery. The '221 looks somewhat similar so at least as a hint try looking behind the front panel. As I recall, I had to disassemble the rig to the point that the control panel was separated from the body and I could then remove at least one circuit board to get to the battery.

I believe it is a relatively common type (Radio Shack stuff). The only guidance I got from the manual was that when the battery dies, send the rig to them.

To say the least it's inconvenient and it did require a lot of patience and a couple of re-tries to get the parts back together.

Good Luck,

Frank, AB0G

2157. Re: Radio Amateur PAGER...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <3193b048.9926487@news.deltanet.com>
Source record: 201319

bblohm@boi.hp.com (Bill Blohm) wrote:

I friend of mine designed (and sells) a device that (among MANY other
things) pages him... He has a radio set up on a simplex freq and it
listens for the proper series of DTMF digits. When heard, his device
picks up the phone and pages people via a standard pager.
There are 8-10 people set up on this and it works well. (purpose being
to page a ham to a frequency) The messages are in the form of the
freq. and a number that identifies the person that is paging. It
also has a feature that pages the person that started the pager, so he
knows it went through. (ie he was not out of range, or too noisy to
decode)
I know this is in reverse of what you seem to want, but I thought
I'd toss is out here anyway...

73 de KC6ZSF
Mike

>Radiomatt (radiomatt@aol.com) wrote:
>: Paging is in essence, an addressable broadcast. Since I don't think the
>: FCC allows a one-way broadcast on any ham freq., I suspect it would be
>: illegal. (The paging terminal (*data generator*) would probably be hooked
>: to a phone line (a violation since the caller would control the channel),
>: and if you used an answering service to generate the information, the
>: operators would have to be hams.
>
>Granting all this, let's assume that he intends to be paged by hams. In
>that case, some, if not all newer, radios allow you to set up the radio
>so that the squelch will only be broken by a specific DTMF code. The
>HTX-202 has that feature, for example. So, he could set the handheld to
>activate this feature (I forget what it's called, CTSS Squelch?) and tell
>his friends what DTMF code to send to activate his ht. Then when they
>want to talk to them, they send the DTMF tones and then can call him as
>usual. Then the squelch will break, he will hear his call and be able to
>respond. All other calls will be muted out. This would probably work
>best if not used on a repeater freq, as the tones might confuse the
>repeater. Also, if I remember right from when I played with this feature,
>he'd know he'd been called when he started hearing stuff from the ht,
>even if the other ham sent his call first then the DTMF tones instead
>of the other way around, since the squelch lock-out has to be re-set.
>
>Just a thought, but probably not what he wants.
>
>Bill B.
>KC7JSD

>bblohm@boi.hp.com

2158. FS: YAESU FT-736R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <3193B4F8.2345@voicenet.com>
Source record: 201320

For Sale:

Yaesu FT-736R 2 meter/440 All mode transceiver. I have added the 6 meter module, and tone board. S/N: 48H40200.

Immaculate shape.

Includes manual/papers/box/hand mic/handmade cable for packet.

$1500 delivered.

Ray Wilson
n3rkh@voicenet.com

2159. Re: Mod ft-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: TJM <74032.172@compuserve.com>
Message-ID: <3193ED85.193@compuserve.com>
Source record: 201321

EStedman wrote:
>
> Hi nick -
> A fellow posted the mod info a few days ago - I tried it on a friend's
> radio and it works -
> here it is:
>
> Subject: Re: FT-50R info.
> From: felix@netwizards.net (Anonymous)
> Date: 28 Apr 1996 19:25:43 GMT
> Message-ID: <4m0gnn$bf0@news.wco.com>
>
> I have purchased the FT-50R and yes it is a pretty cool little
> "radidio". I does have a built in game if yo press the MR button
> while turning the radio on. I have also modified the radio to transmit
> out of band.. MARs and CAPs ...Here is the information everyone needs
> to modify it:
>
> 1. remove the battery pack
> 2. remove the two screws contained under the Battery safety sticker
> on the back of the radio.
> 3. remove the key board (instuctions on how to remove the keyboard are
> in the owners manual)
> 4. by removing the keyboard, it will reveal three jumper pads 1,2,&3
> 5. Only jumper pad #1 will be bridged by soldier.
> 6. remove the soldier from jumper #1
> 7. now, put the radio back together
> 8. reset the master cpu... instruction in owners manual.
> 9. reset the extended receive,.. see the owners manual.
> 10 you now have a modified radio.
> any questions e-mail me (him, not me)
>
> By the way, if anyone figures out what the object of the game is, let the
> rest of us know!
> 73
> Ernie
> N2OJQ

Ernie,
The object of the game is to guess the other number so the total is ten!
exp; the radio pick a secret number (say it's 3) you have to pick the
other number (7)((process of elimination)) as to get a total of 10...The
radio keeps track of your success and displays score after 10x

Tom

2160. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4n0h1i$n81@newsbf02.news.aol.com>
Source record: 201322

Hi Gary,

Just a few more corrections of more errors in your last reply.

In article <1996May10.172521.21411@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
(Gary Coffman) writes:
>Well, lets look at some numbers. If we assume that there is a stray
>100 pf between cathode and V- (and that's a very high estimate), we're
>looking at a TC of 30*100E-12 or 3E-9 second, or 333.33 MHz. That seems
>safely above HF to me.

Once again you are using the time constant, and that is an incorrect
formula in this application. 100 pF is significant at the upper end of HF,
especially since it is the RF impedance that is important.

>>Your claim incorrectly implies RF speech processing at RF frequencies
>>without distortion by some strange "happenstance" or "coincidence". It
>>relies on a new load line "happening to be correct and linear" as
>>effective screen voltage is reduced and grid bias increased from
excessive
>>drive.
>
>There's nothing happenstance or coincidence about it. It's inherent
>in the 3/2 power rule.

Once again you've applied a rule incorrectly. That "rule" is not
applicable to dynamic power control when linearity is a concern.

>>The parameters "reducing gain" in your example also move the tube
towards
>>non-linear operation.
>
>According to "Care and Feeding of Power Grid Tubes", best IMD response
>is obtained with the lowest screen voltage that will afford sufficient
>gain to make the desired output power. (Section 4.4.4 p75)

Once again you've looked at a small part of the problem and jumped to an
incorrect conclusion. You've incorrectly assumed a condition met in steady
state operating conditions that always includes a proper REDUCTION of
control grid bias (to keep the conduction angle high) somehow universally
applies to a time varying voltage drop across the cathode resistance that
INCREASES bias and moves the tube towards short angle (class C) operating
conditions.

>Point taken. The dynamic screen impedance is 14k in this example, which
>gives a TC of 0.0014 second or 714 Hz. The supply dynamic impedance looks
>like it is roughly 600 ohms, or a TC of roughly 16 kHz. Both seem well

>above the basic 95 Hz rate.

My point wasn't completely understood. Again you've ignored the restriction on allowable voltage change, wrongly assuming the value used in defining TC gives the proper parameter. I have no idea what values you've used to determine the impedance of the screen or power source. But the most glaring error is concluding a TC **FASTER** than the modulation rate is good, when (if that were the correct parameter) we really want one much **SLOWER** than the modulation rate! We want to hold the screen voltage very steady, not allow it to move around.

>I'm not competent to address that.

Agreed.

>Well, lets see, 3rd order is 2 db better for the tetrode, and fifth
>is 6 db worse than the test data you report, but were those tubes in
>a MLA2500? If not, then they don't represent comparable performance.
>See QST March 1978 for the ARRL lab test of the MLA2500 with 8875s.
>They show
>
>3rd order -35 db
>5th order -37 db
>7th order -45 db
>
>Now *in the same amplifier*, the tetrode mod yields 6 db better
>3rd order, 1 db better 5th order, and 10 db better 7th order
>performance.

Again we have no way to verify how the measurements are done. Eimac's data shows the 8875 is typically -41 dB third and -42 dB fifth below a single tone of a two tone test without negative feedback. My data was also in that ballpark. As I said earlier:

"8875 measured third order (one measured sample of a pair of tubes 1980 data) : -39 dB third, -44 dB fifth at rated output."

>>All I've EVER said is the grid resistor was poorly selected, the claims
of
>>tetrode superiority are incorrect, and the bashing of Eimac was in poor
>>taste and totally unwarranted.

First you claim:

>Indeed you have. You've charged the authors with poor selection of the
>grid resistance (IE poor design skill), you've charged the authors with
>making incorrect claims (IE lying, or at best being grossly mistaken),
and
>you've charged the authors with bashing Eimac (one would assume unfairly)
>while pushing another vendor's product (IE with being venal and
dishonest).
>You're right, you're not calling them stupid, you're calling them much
>worse.

Then you say:

>The author says it will substitute for ALC under the conditions in
>which he instructs you to use the amplifier, but he does include a
>circuit to detect overdrive of the control grid, and warns you in
>the tuneup instructions to pay attention to it. I'm not too impressed
>with this circuit. It is a peak detector, but it lacks a hold feature
>which I'd consider necessary.

You must admit, this is ironic. You do exactly what you fault me for doing!

>You are assuming that ALC is being used for power control. That is
>unwarranted. Perhaps the author urges you to turn down microphone
>gain to reduce drive instead. Had you thought of that?

That doesn't cure the problem entirely, and now leaves the PA subject to varying drive levels if the operator moves closer to or further from the microphone. It also requires the operator to maintain the same voice level. That would be a very poor solution.

>Probably
>not since you admit you haven't read the article. (He actually
>doesn't tell you how to regulate drive, but you could regulate
>drive by turning down microphone gain rather than messing with
>ALC.

That would be a very poor way to control drive. ALC would actually be much more reliable.

>Or you could use a 3 db power attenuator if you liked.)

Which is exactly equivalent to the L pad I suggested earlier, it allows a 50 ohm load and makes the PA compatable with thee exciter. Thank you for finally agreeing with my suggestion.

>I don't fault you for complaining about poor IMD performance of
>some of today's exciters when their "power control" is turned down.
>That's probably true as far as it goes, but it shows a problem *with
>the transceiver* that should be addressed *in the transceiver*, not
>with the choice of tubes for an external amplifier.

Let me repeat this to be sure I heard what you really said.

1.) You agree the exciter works better near rated output, but disagree with changing the value of one or two resistors in the PA to make them compatable with each other.

2.) Instead, you think the PA should be designed for any drive power the designer desires, and the EXCITER should have its ALC and power control circuitry redesigned to match the PA?

>If you use ALC. If you disable ALC, that problem doesn't exist.

And other even more severe problems are created.

>Well then, let me just quote what Eimac has to say on this issue.
>From "Care and Feeding of Power Grid Tubes" again,
>
>"The main advantages of a tetrode over a triode are:
>
> <reasons a, b, and c, snipped as irrelevant to this discussion>
>
> d. Tetrodes allow designers to build compact, simple,
> flexible equipment with little spurious radiation.

So do triodes.

> e. Tetrodes permit the designer to build linear amplifiers
> with low inter-modulation distortion products."

So do triodes.

>So Eimac themselves tout lower IMD as an advantage of tetrodes over
>triodes (even theirs).

Actually the tout the advantage of *some* specially designed tetrodes in special applications. Eimac recommends triodes for 10 to 14 dB gain HF amateur type power amplifier applications, as would any experienced engineer.

The author of the 811 article simply failed to mention a triode uses a less complicated and expensive circuit and is much simpler to operate and more forgiving of mistuning or excessive drive. Only he knows the real reason why.

At least Eimac made their claims in **paid ads**, and never bashed or demeaned competitors (especially in free "historical" articles).

73 Tom

2161. Code Speed Change: Help Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: sco@sco-inc.com
Message-ID: <4n0hr2$1nr2@mule2.mindspring.com>
Source record: 201323

Did you know that 50 % of ALL U.S. Hams (about 340,000) are
either No Code Techs, Novices, or Tech Plus?
According to the A.R.R.L. that is true if I did my math right.

That means one half of us are now operating at 5 wpm or less code
speed.

Did you also know that there is NO international requirement for Hams
to operate above 5 wpm in the HF bands? Each country (read U.S./
F.C.C.) sets its own code speed requirements for its hams.

I asked the A.R.R.L. about this since I am a member. I was told that
the majority of U.S. hams support the current code speed requirements
for HF work below 30 mhz. [They didn't ask me.] They also told me
that this could be changed by a petition to the F.C.C. I would need
to submit a request for a rule change. If accepted it would go out
for review during a comment period.

My question is: Do we want to change the code speed so more of us
can use the HF bands?

I propose that the only code speed requirement for Hams in the
U.S. be 5 wpm. Classes of hams could still be distinguished by
different levels of written tests. But a 5 wpm code speed would allow
any class of Ham (except: Novice, Tech and Tech Plus) to operate phone
in segments of ALL the HF bands. This would essentially mean that
General, Advanced and Extra class Hams would only need to show 5 wpm
code to operate where they can now. Their written tests would stay
the same.

This would be a simple and effect way to allow ALL hams to upgrade
immediately by passing the higher level written tests. This would
preserve the historic code mode and also allow the hobby to rapidly
expand our ranks to preserve the future of HAM RADIO into the 21st
century.

Is anyone interested in helping me put together such an effort before
the F.C.C.?

I will be out of touch from May 15th until June 2nd (on vacation).

Send info if interested to: KE4IKT@sco-inc.com

2162. Re: Yaesu FT-101E Bands* "F" model *

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: aor <aor@gteais.com>
Message-ID: <3193CC2F.164D@gteais.com>
Source record: 201324

I have the "F" model, which is the last in the series before the Digital Display FT-101ZD. The "F" model has all of the improved boards installed (as it is the last in the series). Most of all the major complaints of the early models have been corrected by the "E" models. You will have years of fun with this rig.

I also have the Fox Tango newsletters from the early 70's when the FT-101 was introduced. There must be 100 pages of measurements and improvements. If they wern't still copywritten, I would offer some of the mods/text/graphics.

73,

NW2M

2163. I Just Built A Ten-Tec 1056 Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4n0j4u$m7j@news1.slip.net>
Source record: 201325

I put it in a homemade enclosure with a 2" speaker and it works. I built it for 40 meters and I pleased with it.
Thoughts during and after construction;

All parts present and instructions adequate and thankfully they assume some intelligence on the part of the builder. The manual is adequate but requires some thinking to identify the capacitators. Caps have a confusing system for identifying them, but the manual has a nice back page with info on this.
The board is fine, and there is not much to it. They give you an option on powering the two sections separately and it is a good kit to play with. The price is dirt cheap and since you can build it for any band it is fun to experiment with. I decided 40 was a good band since the manual confesses that in a direct conversion receiver the stability is better on the lower frequencies. It is satisfactory on 40. I have good audio out with a good signal. It takes slow careful tuning however. There is a way to get slower tuning by substituting a resistor but I have not tried it. Once I put it in a case and added an LED pilot light (1200 ohm dropping resistor) and a couple switches (Power and speaker on/off - earphone jack in line) I did not wish to take it apart to change any resistors. But I might recommend trying a different value to slow down the tuning. This will vary on different bands, apparently.
Anybody wishing to talk about this or other kits on the market please email me at rong@slip.net. I may or may not visit this group often enough to get your comments, but I will try. I am now waiting for the 1253 9band Receiver and think this will be easier because I will not have to scrounge the parts to finish it but that part was fun. In fact I am quite proud of the case I made out of sheet metal. I've built and used an Oak Hills Research Sprint (40 meter xcvr - direct conversion - 2 watts) and have an unbuilt Explorer (20 meter superhet xcvr) I guess I like building kits.. I have a couple of Heathkits that I built and really miss the Heathkit Company, I'm glad Ten Tec is taking up the slack and will supporting them .. I don't need a two meter xcvr but I'm tempted to buy one of theirs just to build it.,
I'd like to hear from anyone that has built other Ten Tecs.

2164. FS - GERTSCH MODEL FM-3 VHF Frequency Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: Bill Robinson <billr@pinsight.com>
Message-ID: <3193DDD0.999@pinsight.com>
Source record: 201326

For sale - Gertsch Model FM-3 VHF Frequency Meter
and manual. $25.00 plus shipping.

Please contact me by e-mail

Thanks, Bill

2165. Icom 2000 Mods needed for extended transmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: Gordon or Nina Adams <ja@laplaza.taos.nm.us>
Message-ID: <3193F2BB.100A@laplaza.taos.nm.us>
Source record: 201327

Does anyone know how to modify an Icom IC-2000 for out-of-band transmit?
Please reply by e-mail if you have this information. Thanks very much
and 73.

Gordon, WU5B

2166. Re: IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4mvm64$qos@newsroom.HITC.COM>
Source record: 201328

Gary:

I love reading your comments--very informative and
often well-researched, especially in this case. I have not
done the mod and will do the test this w/e and report back.

I would like to get some more info on the more extensive mod
you refer to:

>>(or more precisely in my case a more extensive
modification that extends receive all the way up to 200 MHz as
originally advertised, the yellow wire mod peters out above 165
MHz).<<

I am more curious than anything else--what's to hear b/w 165
and 200 MHz?

73 de Chris

PS: What *IS* Destructive Testing Systems? Sounds ominous <g>

2167. Review: JBI PC--Rig Control Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4mvnck$qos@newsroom.HITC.COM>
Source record: 201329

I purchased JBI's radio control kit recently and was very pleased. It's a level convertor circuit board that fits inside a 25-pin D-type shell. It allows you to control a radio (Icom, Yaesu, Ten-Tec and Kenwood) from a PC serial port. They give you a complete kit including both radio & PC connectors, 6' of multi-conductor cable and even some shareware rig control & logging programs to get you going.

Cost is $29.95 and construction was simple enough. Mine worked right away without any problems (well, okay, I had to figure the darned software out first a bit). They also have assembled kits and a CW option. JBI's number is: 800-524-8658 (they have a machine, but called me back, even on a Saturday!).

I am now in the process of looking for some software I like, having tried a few already I was mixed about. DxBase for Windows95 (http://ve7tcp.ampr.org/Software/dxbase/dxbwpeek.html) is coming out to Dayton and will be available "this summer." Also AmSoft has a Windows version of AmCall (http://hamster.ivey.uwo.ca/~amsoft/amsoft3.html) coming out in "early" 1996 (isn't it almost *MID* 96 guys?). These look tempting...

73 de Chris

2168. Free &for sale stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: mitchell@scoot.netis.com
Message-ID: <Dr7B10.7zH@scoot.netis.com>
Source record: 201330

I have many useful parts to try to peddle. The items are listed below
and priced to go fast. They will be sold first come first serve.
Get back to me fast or make offer if only kinda interested.

IO card providing 2 com ports $3

SCSI controller cable. 3 feet or so long. Has 2 internal 1 extarnal
SCSI connections
$3 ($5 to $15 new)

==========
FREE Stuff Just pay Shipping

Amiga Rom kernel manual
Amiga dos Developers Manual
Amiga Dos Technical Ref Manual
Amiga Hardware Manual
Amiga Intuition Reference Manual
Amiga memory chips
Amiga world mags 1986 thru 1993

==========
Radio Gear

KLM Multi 2700 2meter multi mode transceiver for sale or swap.
has AM, FM WIDE AND NARROW, SSB, and CW. select frequency using
VFO or dial in. Has built in 10meter receiver also for OSCAR
satellite. This radio does just about everything. Sold for over
$800 when I bought it. I have not used in several years, and
want something slightly smaller and different. I would like to
swap for a 2meter/440mhz rig or perhaps sell.

several 23 channel cb mobile sets $7

FREE!!!!!!!!!!
750TL Xmitting tube. This is not a working one, but is a very
old high power transmitting tube from a by gone era. It has
collector value and is great for conversation piece, or unique
lamp. I will give this to a good home for price of shipping.

==========
DragonQuest 3rd Edition 1989 printing. Fantasy Role-Playing Game
System manual $5

Dragon mag back issues #79, 66, 67
Different Worlds issue #12 7/1981
all above $5

Advanced Dungeons & Dragons dungeon masers guide (1979) $4
Advanced Dungeons & Dragons monster Manual (1978) $4
Advanced Dungeons & Dragons player handbook (1978) $3

2169. License Exam Scheduling?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: ckollai@cybergate.net
Message-ID: <4mvfm2$vo1@galaxy.cybergate.net>
Source record: 201331

I hope it acceptable to post this here, but I got no response in in.ham-radio, so here I am. I've been browsing here try to learn about HAM equipment in general, and also hoping to maybe find and buy my first rig used to save money, as I am still a college student (Systems Engineering major, Technical Theater minor) and don't have a WHOLE lot of money...

Anyway, on to the point. I have the Radio Shack "Now You're Talking" book and would like to take the exam to get a Technicain Class license.

Does anyone know where I can get more information on a location, date, and time?

Are there any scheduled in the near future?

Please post responses here and E-mail me as well in case I miss a post, thanks!

-Craig D. Kollai E-mail: Craig@Kollai.com
Visit my web page at::
http://www.cybergate.com/~ckollai/homepg1.htm

2170. Wanted: First rig advice for Technician License

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: ckollai@cybergate.net
Message-ID: <4mvgea$vv7@galaxy.cybergate.net>
Source record: 201332

I wanted to know, what band would you recommend for a soon-to-be licensed Technican class HAM in teh Cleveland, OH area (More specificly, Brooklyn OH)?

Ideally, I would love something with lots of toys like an ICOM IC-781, but I can't afford anything over $400 right now. I would like to find something used, If possable, at around $200, witha smaller antenna.

I am in a corner apartment, and I am not allowed to use an externa antenna, so I'm planning to use a mobile mount antenna, probably buy it from Radio Shack.

I'd like a base station transciever, but I would also buy a mobile if the price and feature would meet my needs; I do have a 120 VAC to 12 VDC 2.5A regulated power supply.

My biggest question is, what band should I go for? I want to start using phone, and I was thinking either 2 meter or 1.25 meter, but am not sure which is better, as I don't currently have a reciever to try and find activity here and don't personally know any HAMs in the area!

Thansk for your advice, either posted or E-mailed here, I appriciate it!

-Craig D. Kollai E-mail: Craig@Kollai.com
Visit my web page at::
http://www.cybergate.com/~ckollai/homepg1.htm

2171. Re: AD: Mods 4 Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: ploton@plasma.com
Message-ID: <319287d4.9810737@news.davlin.net>
Source record: 201437

On 8 May 1996 11:19:33 -0400, bucherj@aol.com (BucherJ) wrote:

>The Mods I currently have for your equipment is:
>* = Not able to be modified for cellular frequencies
>
etc ... etc.... etc....
>
> If you wish to order the mods please send $5 (check or money
>order) for each radio model (1 radio= $5, 2 radio's = $10, etc.) to:
>
>Jamie Bucher
>P.O. Box 15653
>Loves Park, IL 61132
>
> Please specify if you want your mods faxed, e-mailed, or sent via
>the postal service when ordering. It is possible that when we send this
>information additional mods for that radio will be available, if so we
>will send them along also.
>
>Please included an e-mail address if I have any questions about your
>order.

Why send this guy hard earned money when 99.5% of these modifications
are easily found on the net already for FREE?

Hey Jamie, why not buy an ad in a mag like Popular Communications,
then take advantage of net nebies?

Have a nice day>>>>>>insert smiley face here<<<<<<<<<<

2172. Mod ft-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4mu7nt$7fm@news1.warwick.net>
Source record: 201438

hi name is Nick. Anyone figure out how to make the ft-50 tx out of band. I need it somewhere around 461.00 and 154.00. Any help woul dbe appreciated.

nick

2173. Do you know ComFocus?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: pblaha@bga.com
Message-ID: <4mu9m4$e5o@news3.realtime.net>
Source record: 201439

Hi. My name is Ben. I am looking for computer-controlled short-wave radio software. I read about a company in California called ComFocus who makes it. The book doesn't say how to get the software. Any leads would be appreciated.

2174. RE: YAESU AT-180 Tuner (for IC-706)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: bclongwell@delphi.com
Message-ID: <9605092258592.The_Win-D.bclongwell@delphi.com>
Source record: 201440

I have one of these also. I found that it can have a little trouble "learning" a new antenna and "rejected" the antenna the first few times. I have been using it mobile, though with good affect. I have been able to get the Ten-Tec and Hamstick antennas to cover 100khz + on 75 meters with uniform field strength. (There was no detectable peak at the antenna's resonant frequency). 40 meters has complete coverage. It has worked well in that I don't have to get out and make adjustments roadside in the rain, ...

All this may be for nothing, for I may be upgrading to a screwdriver antenna.

Brian
WB2DSH

2175. TM221A 2M Mobile Lithium Battery Replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: kgibson@isl.net
Message-ID: <4muc0g$muv@news.isl.net>
Source record: 201441

I have a Kenwood TM221A that cannot retain it's memories. Is the Lithium battery dead? I opened
it up and tried to find it but I don't see anything that looks like a
battery. Does anyone know how to locate and replace it?

2176. Re: Radio Amateur PAGER...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4muedr$1pcs@mule2.mindspring.com>
Source record: 201442

It would be possible to build something using a DTMF decoder chip - lots are available. But there are nice HT's out there with DTMF paging built in, such as the Yaesu FT-11/41/51 series, it might be better to buy than build. I have the FT-11 and FT-51, and since my wife is also licensed, we would find this feature useful **IF** any repeaters in our area would pass DTMF tones. They don't. Since it only works for simplex operation, we never use it.

On another vein, members of the local BSRG (Atlanta area) repeater group got some used Motorola pagers which the repeater owner set up to be addressed through the 2M machine. It did work , but we never used it very much - at least not that I heard. It sounded good on paper, but it was usually just as easy (easier?) to pick up the mike and call. We probably kept our radios on more than our pagers.

Nevertheless, I am intrigued by this idea. Any other comments?

Don (KE4KYO)

2177. FS: 6GE5 New tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: murrayl@cs.hope.edu
Message-ID: <4muepc$5as@news.cs.hope.edu>
Source record: 201443

6GE5 tubes (Heath 411-185) used in HW-16 and single banders.

New Old Stock GE tubes in boxes $5 each + shipping

--
MurrayL@macatawa.org

2178. FS: Bird 8325 500W dummyload/attenuator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: murrayl@cs.hope.edu
Message-ID: <4muesb$5as@news.cs.hope.edu>
Source record: 201444

Bird 8325 500 W Thruline attenuator, 30 dB attenuation, N connectors
28# shipping

--
MurrayL@macatawa.org

2179. Re: Radio Shack HTX 202 antenna connection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <831716379snz@microvst.demon.co.uk>
Source record: 201445

In article <587cc$b2826.196@News> hcohen@analogic.com writes:

>
> Has anyone found a way of solving this problem?
>

If you attach an adaptor which is a BNC socket to Type N plug and put
this on your antenna, then you can simply make the antenna a push fit.
It will lack the captive properties if yanked but it can be attached
and removed without any twisting action which is causing your problem
and it will give a perfect r.f. connection.

You can use this trick for quick-disconnect on all sorts of sets and
instruments without any sacrifice to the constant-impedance of the line.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2180. Re: ***I BELIEVE TOO***REAL MONEY*** - money [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: cawings@ix.netcom.com
Message-ID: <4mujuc$ag@dfw-ixnews2.ix.netcom.com>
Source record: 201446
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.cb,rec.radio.shortwave,rec.radio.swap

In <4mrnt6$4mn@dfw-ixnews3.ix.netcom.com> cawings@ix.netcom.com(Crash)
writes:
>
>In <4mrft9$but@dfw-ixnews1.ix.netcom.com> casepum@ix.netcom.com
writes:
>
>
>Path:
>ix.netcom.com!ix.netcom.com!ixnews1.ix.netcom.com!howland.reston.ans.n

>!newsfeed.internetmci.com!news.sprintlink.net!new-news.sprintlink.net!

>clig
>From: MSRX4SU1@FS1.EC.MAN.AC.UK
>Newsgroups: alt.binaries.nude.celebrities
>Subject: EARN LOADS OF MONEY, EASY AND HONESTLY
>Date: Wed, 8 May 1996 17:37:10 +0100
>Organization: Nonsense
>Lines: 220
>Sender: Shalim Uddin <umbc@umbc.demon.co.uk>
>Distribution: world
>Message-ID: <wxF5FaA22MkxEwZZ@umbc.demon.co.uk>
>NNTP-Posting-Host: umbc.demon.co.uk
>X-NNTP-Posting-Host: umbc.demon.co.uk
>MIME-Version: 1.0
>X-Newsreader: Turnpike Version 1.12 <Qjcrk7CnFKNs7EtXqtabV1qqvm>
>
>
>Hello! I've got some awesome news that I think you need to take
>two minutes to read if you have ever thought "How could I make
>some serious cash in a hurry???" , or been in serious debt, ready
>to do almost anything to get the money needed to pay off those
>bill collectors. So grab a snack, a warm cup of coffee, or a glass
>of your favorite beverage, get comfortable and listen to this
>interesting, exciting find! > Let me start by saying that I FINALLY
>FOUND IT! That's right!
>I found it! And I HATE GET RICH QUICK SCHEMES!! I hate those
>schemes like multi-level marketing, mail-order schemes, envelope
>stuffing scams, 900 number scams... the list goes on forever. I
>have tried every darn get rich quick scheme out there over the
>past 12 years. I somehow got on mailing lists for people looking
>to make money (more like 'desperate stupid people who will try
>anything for money!'). Well, when I was a teenager, these

>claims to 'get me rich quick' sounded irresistible! I would shell
>out $14.95 here, $29.95 there, $24.95 here, and another $49.95
>there. I had maxed out my new Circuit City Card AND my Visa...I
>was desperate for money!! So, I gave them all a chance but
>failed at every one of them! Maybe they worked for some people,
>but not for me. Eventually, I just tossed that JUNK MAIL in the
>trash when I got the mail. I recognized it right away. I can
>smell a money scam from a mile away these days, SO I THOUGHT....
>I thought I could sniff out a scam easily. WAS I WRONG!!!
>...I LOVE THE INTERNET!!!
> I was scanning thru a NEWSGROUP and saw an article stating to
>GET CASH FAST!! I thought..."Here on the Internet?? Well, I'll
>just have to see what schemes could possibly be on the internet."
>The article described a way to MAIL A ONE DOLLAR BILL TO ONLY
>FIVE PEOPLE AND MAKE $50, 0000 IN CASH WITHIN 4 WEEKS! Well,
>the more I thought about it, the more I became very curious. Why?
>Because of the way it worked AND BECAUSE IT WOULD ONLY COST ME
>FIVE DOLLARS (AND FIVE STAMPS), THAT'S ALL I EVER PAY....EVER!!
> Ok, so the $50,000 in cash was maybe an tough amount to reach,
>but it was possible. I knew that I could at least get a return
>of $1,000 or so. So I did it!! As per the instructions in the
>article, I mailed out ('snail mail'for you e-mail fanatics) a
>single dollar bill to each of the five people on the list that
>was contained in the article. I included a small note, with the
>dollar, that stated "Please Add Me To Your List." I then removed
>the first position name of the five names listed and moved
>everyone up one position, and I put my name in position five of
>the list. This is how the money starts rolling in! I then took
>this revised article now with my name on the list and REPOSTED IT
>ON AS MANY NEWSGROUPS AND LOCAL BULLETIN BOARD
>MESSAGE AREAS THAT I KNEW. I then waited to watch the money
>come in...prepared to maybe receive about $1000 to $1500 in cash or
>so....
>But what a welcome surprise when those envelopes kept coming in!!! I
>knew what they were as soon as I saw the return addresses from people
>all over the world-Most from the U.S., but some from Canada, even
>some from Australia! I tell you, THAT WAS EXCITING!! So how
>much did I get in total return? $1000? $5000? Not even!!! I
>received a total of $23,343!!! I couldn't believe it!!
> I now have a brand new black Acura Integra to speak for, due
>to this!! Now after almost 8 months, I am ready to do it again!!!
>So maybe it was possible to get $50,000 in cash, I don't know,
>but IT COMPLETELY DEPENDS ON YOU, THE INDIVIDUAL! You
>must follow through and repost this article everywhere you can think
>of! The more postings you achieve will determine how much cash
>will arrive in your very own mailbox!! It's just too easy to
>pass up!!!
> Let's review the reasons why you should do this: The only
>cost factors are for the five stamps, the 5 envelopes and the 5
>one dollar bills that you send out to the listed names by snail

>mail (US Postal Service Mail). Then just simply repost the
>article (WITH YOUR NAME ADDED) to all the newsgroups and local
>BBS's you can. Then sit back and, (ironically), enjoy walking
>(you can run if you like! :o) down your driveway to your
>mailbox and scoop up your rewards!! We all have five dollars to
>put into such an easy effortless investment with SPECTACULAR
>REALISTIC RETURNS OF $15,000 to $25,000 in about 3-5 weeks! So
>HOLD OFF ON THOSE LOTTERY NUMBERS FOR TODAY,EAT AT
>HOME TONIGHT INSTEAD OF TAKEOUT FROM McDONALDS AND
>INVEST FIVE DOLLARS IN THIS AMAZING MONEY MAKING SYSTEM
>NOW!!! YOU CAN'T LOSE!!
> So how do you do it exactly, you ask? I have carefully
>provided the mostdetailed, yet straightforward instructions on
>how to easily get this underway and get your cash on its way.
>SO, ARE YOU READY TO MAKE SOME CASH!!!?? HERE WE GO!!!
>*** THE LIST OF NAMES IS AT THE END OF THIS ARTICLE. ***
>OK, Read this carefully. Get a printout of this information,
>if you like, so you can easily refer to it as often as needed.
>INSTRUCTIONS:
>1. Take a sheet of paper and write on it the following:
>"Please add my name to your list". This creates a service out
>of this money making system and thus making it completely legal.
>You are not just randomly sending a dollar to someone, you are
>paying one dollar for a legitimate service. Make sure you
>include your name and address. I assure you that, again, this
>is completely legal! For a neat little twist, also write what
>slot their name was in: "You were in slot 3", Just to add a
>little fun! This is all about having fun and making money at
>the same time!
>2. Now fold this sheet of paper around a dollar bill ,(no
>checks or money orders), and put them into an envelope and send
>it on its way to the five people listed. The folding of the
>paper around the bill will insure its arrival to its recipient.
>THIS STEP IS IMPORTANT!!
>3. Now listen carefully, here's where you get YOUR MONEY COMING
>TO YOUR MAILBOX. Look at the list of five people; remove the
>first name from position one and move everyone on the list up
>slot one on the list. Position 2 name will now move to the
>position 1 slot , position 3 will now become position 2, 4 will
>be be 3, 5 wil be 4. Now put your name, address, zipcode AND
>COUNTRY in position 5, the bottom position on the list.
>4. Now upload this updated file to as many newsgroups and local
>bulletin boards' message areas & file section as possible. Give
>a catchy description of the file so it gets noticed!! Such as:
>"NEED FAST CASH?, HERE IT IS!" or "NEED CASH TO PAY OFF
>YOUR DEBTS??", etc. And the more uploads, the more money you
>will make, and of course, the more money the others on the list will
>make too. LET'S ALL TAKE CARE OF EACH OTHER BY BEING
>HONEST AND BY PUTTING FORTH 120 PERCENT INTO THIS
> PROFITABLE & AMAZING SYSTEM!!! You'll reap the benefits, believe

>me!!! Set a goal for the number of total uploads you'll post, such as
>15-20 postings or more! Always have a goal in mind!!! If you can UUE
>encode the file when uploading, that will make it easier for the
>people to
>receive it and have it downloaded to their hard drive. That way
>they get a copy of the article right on their computer without
>hassles of viewing and then saving the article from the File menu.
>Don't alter the file type, leave it as an MS-DOS Text file. The
>best test is to be able to view this file using Microsoft's
>Notepad for Windows 3.x or WordPad for Windows '95. If the margins
>look right without making the screen slide left or right when at
>the ends of the sentences, you're in business!
>5. If you need help uploading, simply ask the sysop of the BBS,
>or "POST" a message on a newsgroup asking how to post a file,
>tell them who your Internet provider is and PEOPLE WILL ALWAYS BE
>GLAD TO HELP. I would try to describe how to do it but there are
>simply too many internet software packages with slightly different
>yet relatively simple ways to post or upload a file. Just ask for
>help or look in the help section for 'posting'. I do know that for
>GNN, you simply select 'POST' then enter a catchy description
>under the subject box, choose 'ATTACH', selecting 'UUE' and NOT
>'TXT', then choose 'Browse' to go look for the file. Find your
>text file CASH.TXT and click on it and choose 'OK'. Place a one
>line statement in the main body section of the message post
>screen. Something like "Download this to read how to get cash
>arriving in your mailbox with no paybacks!" or whatever. Just make
>sure it represents its true feasibility, NOT something like...
>"Get one million dollars flooding in your mailbox in two days!"
>You'll never get ANY responses!
>
>6. And this is the step I like. JUST SIT BACK AND ENJOY LIFE
>BECAUSE CASH IS ON ITS THE WAY!! Expect to see a little money
>start to trickle in around 2 weeks, but AT ABOUT WEEKS 3 & 4, THE
>MONEY STORM WILL HIT YOUR MAILBOX!! All you have to do is take it
>out of the mailbox and try not to scream too loud (outside anyway)
>when you realize YOU HIT THE BIG TIME AT LAST!!
>7. So go PAY OFF YOUR BILLS AND DEBTS and then get that something
>special you always wanted or buy that special person in your life
>(or the one you want in your life) a gift they'll never forget.
>ENJOY LIFE!
>8. Now when you get low on this money supply, simply re-activate
>this file again; Reposting it in the old places where you
>originally posted and possibly some new places you now know of.
>Don't ever lose this file, always keep a copy at your reach for
>when you ever need cash. THIS IS AN INCREDIBLE TOOL THAT YOU
>CAN ALWAYS RE-USE TIME AND TIME AGAIN WHEN CASH IS
>NEEDED!
>9. (This step added by Charles Reiley). Hello, This is exciting
>isn't it?! While I'm on the list, just add a note saying "Please
>include extra money tips" with your name & E-MAIL address, and I

>will (FOR FREE) send you some neat methods to increase the money
>you will receive with this plan. Why?... Why not? I'm not a selfish
>jerk...I like helping out others. E-mail just makes it a touch
>easier and cheaper, too! After I drop off the list, I can no
>longer offer you this advice, obviously, but maybe someone else
>who gets my tips will offer and simply replace my name on this step
>number 9. Good luck and give this plan your all, it will definitely
>pay off! Like Mike said, HAVE FUN WITH IT!!!
>**
>**
>THE NAMES LIST THE NAMES LIST THE NAME LIST
>**
>* HONESTY IS WHAT MAKES THIS PROGRAM SUCCESSFUL!!!
>*
>*
>
>
> 1. David Maxwell
> 1747 Stonybrook Ln.
> Brunswick, OH 44212
>
> 2. John F. Bourgeois
> 3043 New Oak Lane
> Bowie, MD 20716
>
> 3. Shalim Uddin
> 31 Sydenham Rd, Smethwick
> Warley, West Midlands,
> B66 2DE, UK
>
> 4. Joseph C. Stock
> 289 Village Street
> Millis, MA 02054
>
> 5. Bill Swearingen
> 4464 Mary Lynn Ln.#56-D
> Carmichael, CA 95608
>
>
>**
>NOTE:
>Try to keep a list of everyone that sends you a dollar and always keep
>an eye on the local postings of this file... Just to make sure that
>everyone is playing the game fairly. You know where your name should
>be.....
>*** AGAIN, HONESTY IS THE BEST THING WE HAVE GOING FOR US ON THIS
>PLAN.
>-Mike Dotson, Boulder, CO
>*** By the way, if you try to deceive people by posting the messages
>with your name in the list and not sending the money to the people

>already
>included, you will not get much. I know someone who did this and only
>got about $150 (and that's after two months). Then he sent the 5
>bills,
>people added him to their lists, and in 4-5 weeks he had over $10000!
>All the
>lists are re-distributed as soon as the money is received.
>
>*** What Mike said is true. I know you may think to yourself, what's
>the difference how's anyone going to know whether or not I sent out
any
>money. But just think. I mean if you don't send out any money, what
>makes you think that everyone else isn't thinking the same thing.
>Pretty soon you have 1,000's of people moving people's names and
>addresses on and off of lists, but no one is making any money. It only
>works as long as everyone stays honest pays their dues. Besides, if
>you're too cheap to spend $5.00, when in return you'll be making
>thousands, you should probably go do something else with your time and
>not screw up this great oppertunity for those of us that would really
>like to make some money.
>-Bill Swearingen, Carmichael, Ca.
>
>
>
>

2181. Re: IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4mv184$jtb@explorer.csc.com>
Source record: 201447

<del>

> When you clip the Yellow wire, you turn off a filter that is designed to
> retain receiver radiation within the receiver, also you leave a transistor
> base floating. If troubles arise and are directly caused by this
> modification, the warranty will be void and the customer will assume
> responsibility for the cost of repairs.

There's a 2nd part to this mod floating around which involves routing the
free end of the yellow wire to a unused hole in a circuit board toward
the front of the radio (sorry, I don't have my printout with me).
Supposedly this links into a switching transistor to keep the bandpass
filter from switching in until upwards of 120Mhz.

I've been putting off doing the yellow wire mod until I could determine
whether this 2nd part would be worthwhile or not. Can anyone post
pros/cons on this question?

(I'll do the tests on 75.352/144.365 as soon as I get home from work and
post results.)
--
Cheers 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa

2182. Re: Narrow Filtering in TS-930 FSK kills KAM receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: leo@jove.com
Message-ID: <4mv7g9$21g@decius.ultra.net>
Source record: 201448

>Make sure the mark is 2125 and the space 2295. The KAM defaults to 1600/1800.
>You may also need to offset the IF Shift or Passband tuning a little to the
>high side. I have to do this with my ICOM IC-765 to "peak" the tones.
>
>73 de Dave KD6TO

I've tried this setting. BTW, the HF default on the Kam (non-packet is
1955/2125). The best I can do at any setting, and on a strong signal, is
light the bargraph from left to one led right of center (hmmm... makes the tnc
sound political :-) Can you suggest the setting need inferred by this reading?

Tnx,
Larry

2183. Re: Narrow Filtering in TS-930 FSK kills KAM receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: leo@jove.com
Message-ID: <4mv7pg$21g@decius.ultra.net>
Source record: 201449

/>It's been a long time since I've played with a TS-930, but I suspect that aging of the
/>carrier oscillators (CAR 1-4) may have caused them to drift sufficiently that both
/>"mark" and "space" no longer fall within the 500Hz bandwidth of the filters (a not
/>uncommon problem in the TS-940). You should be able to get a pretty good idea of how
/>the filters are responding by tuning to a marker frequency and noting the S-meter action
/>when the dial is tuned to produce the requisite 2125/2295 Hz audio outputs. If one or
/>the other of these tones cannot be achieved with the S-meter at or near a peak reading,
/>you should perform Steps 1-4 & 8 of the RX Adjustment section of the Service Manual.
/>Hopefully, this should correct the problem.
/>
/>Also, it is very likely that use of the VBT with these narrow filters will quickly
/>reduce the effective bandwidth to less than is needed for good FSK. But this effect of
/>the VBT can be checked as suggested above: See how far you can advance the VBT and still
/>pass both the 2125 & 2295 Hz signals and still maintain a full S-meter reading for both.
/>
/>Good luck & regards,
/>Keith (KS9C)
/>
/>
/>You will probably get the best overall effect by utilizing the 500 Hz filters (with no
/>VBT) together with the outboard DSP when needed!

This seems to be the consensus. The best I've been able to do with some tinkering of the settings is light the led's from left to one right of center - on a *stong* signal. I'm going to
make an appointment with the radio doctor.

Tnx,
Larry

2184. Re: Mod ft-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: estedman@aol.com
Message-ID: <4mvai7$cbr@newsbf02.news.aol.com>
Source record: 201450

Hi nick -
A fellow posted the mod info a few days ago - I tried it on a friend's
radio and it works -
here it is:

Subject: Re: FT-50R info.
From: felix@netwizards.net (Anonymous)
Date: 28 Apr 1996 19:25:43 GMT
Message-ID: <4m0gnn$bf0@news.wco.com>

I have purchased the FT-50R and yes it is a pretty cool little
"radidio". I does have a built in game if yo press the MR button
while turning the radio on. I have also modified the radio to transmit
out of band.. MARs and CAPs ...Here is the information everyone needs
to modify it:

1. remove the battery pack
2. remove the two screws contained under the Battery safety sticker
on the back of the radio.
3. remove the key board (instuctions on how to remove the keyboard are
in the owners manual)
4. by removing the keyboard, it will reveal three jumper pads 1,2,&3
5. Only jumper pad #1 will be bridged by soldier.
6. remove the soldier from jumper #1
7. now, put the radio back together
8. reset the master cpu... instruction in owners manual.
9. reset the extended receive,.. see the owners manual.
10 you now have a modified radio.
any questions e-mail me (him, not me)

By the way, if anyone figures out what the object of the game is, let the
rest of us know!
73
Ernie
N2OJQ

2185. Re: ***I BELIEVE TOO***REAL MONEY*** - money [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: jmrubin@ix.netcom.com
Message-ID: <4mv4ne$asp@sjx-ixn3.ix.netcom.com>
Source record: 201451
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.cb,rec.radio.shortwave,rec.radio.swap

Yes, and I also believe--in the laws of statistics and the criminal code. (At least if I can get caught.)

Look at http://www.usps.gov/websites/depart/inspect/chainlet.htm

Suppose one person makes $15K. Well, then they have gotten the equivalent of all of the entry fees of 3K people.

So, there must be 3K people getting $15K. So, they must have gotten the equivalent of the entry fees of 9 million people.

So, there must be 9 million people getting $15K. So, they must have gotten the equivalent of the entry fees of 27 billion people. Earth has 5.7 billion people.

In other words, this is a fucking fraud!

2186. Re: Do you know ComFocus?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4mvenm$d7i@newsbf02.news.aol.com>
Source record: 201452

ComFocus? Wasn't he that chinese guy that gets quoted all the time?

"ComFocus say..."

(Sorry, couldn't resist)

:-)

Mark N9SRT@aol.com

2187. JST-245 : "Hidden Menus"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: quandt.pad@sni.de
Message-ID: <4mvhrr$vv@nervous.pdb.sni.de>
Source record: 201453

Hello,
does anyone know the "Hidden Menus" of the JST-245 ?
For example: FUNC + LSB, what does it mean ?

Best 73 de Ulli (DL4YCM) Email: quandt.pad@sni.de

2188. Re: Radio Amateur PAGER...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: Rick Dykstra <radteam@ix.netcom.com>
Message-ID: <3192B537.16A9@ix.netcom.com>
Source record: 201454

Donald D. Davis, Jr. wrote:
>
> It would be possible to build something using a DTMF decoder chip -
> lots are available. But there are nice HT's out there with DTMF paging
> built in, such as the Yaesu FT-11/41/51 series, it might be better to
> buy than build. I have the FT-11 and FT-51, and since my wife is also
> licensed, we would find this feature useful **IF** any repeaters in
> our area would pass DTMF tones. They don't. Since it only works for
> simplex operation, we never use it.
>
> On another vein, members of the local BSRG (Atlanta area) repeater
> group got some used Motorola pagers which the repeater owner set up to
> be addressed through the 2M machine. It did work , but we never used
> it very much - at least not that I heard. It sounded good on paper,
> but it was usually just as easy (easier?) to pick up the mike and
> call. We probably kept our radios on more than our pagers.
>
> Nevertheless, I am intrigued by this idea. Any other comments?
>
> Don (KE4KYO)

Most repeaters WILL pass or regenerate DTMF tones if you know the
correct command. Check with the trustee to see if this is allowed on
the system you use.

Rick (KD8CP)

2189. Headphones That Don't Fall Out!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: mkitaoka@hooked.net
Message-ID: <4mvmtp$bh8@its.hooked.net>
Source record: 201455

Avoid Fall Out!

Listening to music while you exercise or run used to be impossible. Walkman style ear buds fall out or misalign during strenuous physical activity and over the head headphones are uncomfortable.

Radio Partners builds custom ear molds to fit only in your ears. They then use Sony's state of the art Turbo ear buds as speakers. Together you have headphones that block wind/road noise, sound great and don't dislodge when exercising, running, skiing or rollerblading!

For more information call Steve Stegman at: 1-800-321-3364

2190. Re: PIC repeater controller software??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8317298828801@humnet.humberc.on.ca>
Source record: 201456

> Have anyone written any repeater control software for a PIC processor??
>
> I found a repeater IDer, but would like to find also the rest of a
> controller:
>
> time-out timer, PTT control, tail delay.
>
> No DTMF or CTCSS, just the normal timers and latches which are needed
>
> Erik
> --
> Erik Finskas M1AAJ & OH2LAK
> Email Finskase@ee.port.ac.uk
> Lakki@clinet.fi
> University of Portsmouth, UK
> Department of Electric and Electronic Engineering

I can offer you repeater controller firmware that I wrote for the Intel
8031 that you could try to transpose into 'PIC speak'.
The trouble with the PIC is the limited resources like the stack. You
may have to write more inline code or use creativity to accomplish
some tasks. Might be a good exersize for you !

Regards..
Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

2191. Re: QST conflict of interest Again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996May10.172521.21411@ke4zv.atl.ga.us>
Source record: 201457

In article <4mrph0$4dm@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>Just a quick technical correction of a few comments you've made Gary.
>
>In article <1996May5.163121.28590@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) writes:
>
>>I obviously don't know the value of stray capacitance between cathode
>>and ground in this modified amp (nothing is said about it in the
>>article), but there's no deliberate capacitance there. And given
>>that T=R*C, and R is fixed at 30 (or 20) ohms, the value of stray
>>C would have to be substantial to have any effect at syllabic rates.
>
>The cathode bypass time constant doesn't have to be significant at
>syllabic rates Gary, it only needs be significant at RF rates to be a
>burden on IMD performance. You've also ignored the impedance of the
>charging source, and incorrectly assumed the allowable voltage shift
>relates directly to the voltage change used to quantify time constant.

Well, lets look at some numbers. If we assume that there is a stray
100 pf between cathode and V- (and that's a very high estimate), we're
looking at a TC of 30*100E-12 or 3E-9 second, or 333.33 MHz. That seems
safely above HF to me.

>>>Moving the screen to cathode voltage around carelessly at
>>>an audio rate is absolutely the last thing that should be done in a SSB
>>>amplifier.
>>
>>Yes, but moving it around on purpose may be useful. Consider that
>>screen voltage controls stage gain in a tetrode. By varying screen
>>voltage in step with drive, you get a gain control effect in accordance
>>with the 3/2 power rule, IE speech compression for "free" without the
>>use of external ALC. The author claims that no external ALC is required.
>
>Your claim incorrectly implies RF speech processing at RF frequencies
>without distortion by some strange "happenstance" or "coincidence". It
>relies on a new load line "happening to be correct and linear" as
>effective screen voltage is reduced and grid bias increased from excessive
>drive.

There's nothing happenstance or coincidence about it. It's inherent
in the 3/2 power rule.

>The parameters "reducing gain" in your example also move the tube towards
>non-linear operation.

According to "Care and Feeding of Power Grid Tubes", best IMD response
is obtained with the lowest screen voltage that will afford sufficient
gain to make the desired output power. (Section 4.4.4 p75)

>>There's a 0.1 uf cap in parallel with a 180k resistor shown connected
>>right at the screen. That has a time constant of 0.018 second which would
>>seem to smooth response above the syllabic rate, IE above 95 Hz.
>
>You've miscalculated the time constant of the screen bypass by totally
>ignoring the effects of the screen and supply impedance. The 180k is an
>insignificant part of the equation. It is the time varying load impedance
>of the screen that must be swamped out, and any poor dynamic voltage
>regulation in the screen supply that must be removed. In this case you've
>ignored the impedance of both the charging source and discharging load.

Point taken. The dynamic screen impedance is 14k in this example, which
gives a TC of 0.0014 second or 714 Hz. The supply dynamic impedance looks
like it is roughly 600 ohms, or a TC of roughly 16 kHz. Both seem well
above the basic 95 Hz rate.

>Once again, time constant doesn't directly apply. The problem demands
>careful consideration of the *amount* of voltage sag that can be tolerated
>at dynamically changing load rates. Using only the time constant, as you
>have done, allows much more voltage shift than good designs generally
>require.

I'm not competent to address that. Take it up with the author of the
article.

>>OTOH, the author of the article quotes the Swetlana data sheet for their
>>4CX800A as yielding a 3 db *improvement* in 5th order IMD with the
>addition
>>of the cathode resistor. I just went back and examined the ARRL lab
>report
>>graphs again. In what I hope is proper terminology, here's what I see.
>>
>>3rd order -41 db
>>5th order -38 db
>>7th order -55 db
>
>>All figures are db down from one tone of the two tone test signal, and
>>are interpolations from the graph. They might be off a db one way or
>>the other due to my interpolation.
>
>This data confirms this particular tetrode has poorer IMD performance than
>a grounded grid 8875 would produce. As I said earlier:
>"8875 measured third order (one measured sample of a pair of tubes 1980
>data) : -39 dB third, -44 dB fifth at rated output. Your reported data was
>-38 and -48 dB with negative feedback. Where's the "big universal tetrode
>advantage"?"

Well, lets see, 3rd order is 2 db better for the tetrode, and fifth
is 6 db worse than the test data you report, but were those tubes in

a MLA2500? If not, then they don't represent comparable performance.
See QST March 1978 for the ARRL lab test of the MLA2500 with 8875s.
They show

3rd order -35 db
5th order -37 db
7th order -45 db

Now *in the same amplifier*, the tetrode mod yields 6 db better
3rd order, 1 db better 5th order, and 10 db better 7th order
performance. *There's* your tetrode advantage.

>Now your data suddenly becomes even less supportive of your (and the
>author of the 811 article's) claims, with the tetrode 6 dB poorer than the
>triode in a laboratory test.

I don't know where your numbers came from, but mine came from the same
ARRL lab, testing 8875s in a MLA2500.

>>Again you're assuming the author of the article is stupid. Assume
>>instead that my attempt at explaining the article to you is what's
>>stupid.
>
>Stupid is a harsh and juvenile word. Please stop attributing words
>expressing your views to me. Quote me directly, but don't credit nasty
>words from your mind to me.
>
>All I've EVER said is the grid resistor was poorly selected, the claims of
>tetrode superiority are incorrect, and the bashing of Eimac was in poor
>taste and totally unwarranted.

Indeed you have. You've charged the authors with poor selection of the
grid resistance (IE poor design skill), you've charged the authors with
making incorrect claims (IE lying, or at best being grossly mistaken), and
you've charged the authors with bashing Eimac (one would assume unfairly)
while pushing another vendor's product (IE with being venal and dishonest).
You're right, you're not calling them stupid, you're calling them much
worse.

>>Now if the author indeed knows what he's doing (he is a Phd
>>with extensive tetrode experience according to the bio), the use of
>>a cathode resistor is *not* to cover up an error. In fact, in the
>>text he stresses the reasons he chose to use a cathode resistor
>>in the circuit, primarily to obviate the need for ALC and to use
>>negative feedback to improve amplifier linearity. The hopefully
>>correct two tone test data I've entered above would tend to confirm
>>his choice wouldn't you say?
>
>No, I wouldn't. While the resistor may or may not help IMD, I am more
>concerned by the low drive power required. It will likely cause the
>exciter to trash up, and makes the user depend on the radios internal
>power control circuitry. That circuitry has poor dynamic response in

>virtually every rig on the market today.

You are assuming that ALC is being used for power control. That is unwarranted. Perhaps the author urges you to turn down microphone gain to reduce drive instead. Had you thought of that? Probably not since you admit you haven't read the article. (He actually doesn't tell you how to regulate drive, but you could regulate drive by turning down microphone gain rather than messing with ALC. Or you could use a 3 db power attenuator if you liked.)

I don't fault you for complaining about poor IMD performance of some of today's exciters when their "power control" is turned down. That's probably true as far as it goes, but it shows a problem *with the transceiver* that should be addressed *in the transceiver*, not with the choice of tubes for an external amplifier.

>Secondly, a cathode resistor absolutely will not prevent overdrive or
>substitue for ALC circuitry.

The author says it will substitute for ALC under the conditions in which he instructs you to use the amplifier, but he does include a circuit to detect overdrive of the control grid, and warns you in the tuneup instructions to pay attention to it. I'm not too impressed with this circuit. It is a peak detector, but it lacks a hold feature which I'd consider necessary.

>A two tone test proves little with tetrodes in this application. Anyone
>experienced with modern solid state exciters and the ALC and power systems
>employed (and who has witnessed IMD measurements made on PA's tuned
>without aid of distrotion measurement devices) would realize a steady
>state two tone test under lab conditions is almost meaningless, and any PA
>that drives with less than the full output of the exciter is subject to
>consistant leading edge power overshoots from the exciter.

If you use ALC. If you disable ALC, that problem doesn't exist.

>The author of the 811 article made the statement "tetrode tubes were
>superior performers" in amateur HF applications, and he also directly
>reported Eimac high-mu triodes tubes were not designed for good "technical
>performance". You have repeated that very comment, and have attempted to
>support it with consistantly incorrect theoretical examples and circuit
>analysis.

Well then, let me just quote what Eimac has to say on this issue. From "Care and Feeding of Power Grid Tubes" again,

"The main advantages of a tetrode over a triode are:

<reasons a, b, and c, snipped as irrelevant to this discussion>

d. Tetrodes allow designers to build compact, simple, flexible equipment with little spurious radiation.

e. Tetrodes permit the designer to build linear amplifiers
with low inter-modulation distortion products."

So Eimac themselves tout lower IMD as an advantage of tetrodes over
triodes (even theirs).

And here are some of the things that they say about their zero bias
triodes in their advertising copy.

"Simple triode circuitry reduces components and results in
less downtime and failure." -Ham Radio Feb 75

"Want up to 20 times power gain in a cathode driven circuit?
Try one of the tubes in our complete zero-bias power triode
line. While you're solving problems, throw out the bias power
supply. Forget some of the associated circuitry." -Ham Radio Jul 68

"Operating in cathode driven service, these tubes typically
provide high power gain (greater than 13 decibels) in combi-
nation with low, low intermodulation distortion (3rd order
products less than -35 decibels below one tone of a two-
tone test signal). These excellent characteristics of the
8873 may be utilized up to 500 MHz." -Ham Radio May 71

Now contrast that to what they say about their tetrodes,

"In the power tetrode field we're defining the state of the
art by demonstrating imtermodulation distortion better than
any other known tubes. In 1966 we introduced the 4CX1500B
with the highest linearity then known, better than -40 db
3rd order IM distortion. Since then we produced the 4CX600J
a 600 watt tube with -45 db 3rd order IM products *without
feedback*." [emphasis theirs] --Ham Radio Oct 69

Note the superior numbers quoted by Eimac themselves for their tetrodes
over their zero bias triodes. Note too that they emphasize that they
get that without feedback, implying the numbers would be even better
with negative feedback. Note also the advantages they tout for their
zero bias triodes are "simple", "reduces components", "throw out the
bias supply". No claims of technical superiority, just simple, cheap,
easy. Now the author of the QST article merely repeated Eimac's own
advertising claims, but you took rather strong exception to that as
an attack on Eimac. If so, Eimac must have been attacking themselves
in the ad copy quoted above.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

2192. Help! Vertex VX-500 prog. on 52 mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: Dave Fortenberry <davef@radiozone.com>
Message-ID: <3193890F.3928@radiozone.com>
Source record: 201458

Need help with a low band Vertex VX-500 that I want to program on 6 meters. The CE6 software has a 50.0 mhz limit on it. Do any of know any tricks?? This would make a 'bitchin 6 meter handheld. It was easy to get the FTL-1011 to go, but this one is not that way!

Thanks in advance!
Dave Fortenberry
--
Dave's internet service provided by "The Zone", 100.5 FM. Sacramento's Alternative Rock Station. Check out our Web site: http://www.radiozone.com Dave's theory: "If all else fails, use a bigger hammer!" 73 from N6MAI, Pirate Radio for the ham bands.

2193. construction details for duplexers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: lawrence.wald@lerc.nasa.gov
Message-ID: <4n02li$p45@sulawesi.lerc.nasa.gov>
Source record: 201459

a friend of mine is interested in building his own set of duplexers for 440 use. if anyone has plans, a web location, or a printed source for plans I would appreciate a holler.

thanks and 73,

larry, ke8gw
--
==========
YourAddress@lerc.nasa.gov

... or whatever you want for a .SIG file here
==========

2194. WTB: KENWOOD MC-42 Hand Mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4n06gn$5mp@wdl1.wdl.loral.com>
Source record: 201460

I am looking for a working Kenwood MC-42 hand microphone in good+ condition for a ham friend in Poland. Please let me know by direct email, if you have one you'll sell, along with the condition and price.

I will be off email from 5/16 thru 5/24, but will respond when I get back on.

Thanx,

Bill
W6RQQ

2195. Re: GMRS equipment, need help finding

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-10 00:00:00 UTC
From: William J Rahl <impact@mail.snet.net>
Message-ID: <4n06db$1sc8@CT1.SNET.Net>
Source record: 201461

I would pick another choice than the Maxon GMRS210+3 I have had three of them. And have had nonstop troublr with them to this day. Mine have more time at Maxon Systems than in my hand. Radios had tone encoding problems,Short circuits, And the biggest problem to date is the Programming shorting out and reverting back to the Factory set channels. I had mine on my frequencies and when I turn it on All the tones and channels I had set were wiped out! Maxon never fixed this problem and they never said what they did to fix my radios. Normally, you would think there would be a explaination of what was fixed or replaced. Also the Maxon's are in a pretty cheap case. One drop and its all over for them. Yes I am dissatisfied with Maxon. That is why I am giving you some end user input before you buy. My advice Go with a Kenwood or Icom, A little more money but worth it.

Regards,
Bill

2196. Standard C568a mods needed!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <3194F969.4EE2@dfw.net>
Source record: 201262

Hello I am looking for the mods for the C568a. If you have them please
send tham to dmclean@dfw.net
--
David Mclean
From The Land of The Hams
KC5NNV is Clear!

[Dfw-Hams]
http://www.dfw.net/~dmclean
_____----------

2197. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4n0lml$4s7@news.aros.net>
Source record: 201333
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <831505842snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk says...
>
>
>I know this one was discussed thoroughly before, but I had less interest at
>that time and so I wasn't taking notes. Could I hear any views on the
>comparative advantages of the AEA and MFJ analysers in terms of accuracy,
>versatility and features. I am interested in both MF/HF and VHF, but I am
>willing to consider separate units for the different band ranges.
>
>TIA.
>--
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

I have had the MFJ 259, really a cool piece of gear, but it DIED after 1 week of service, MFJ's fixing it, but they are so DAMNED SLOW, really a MICKY MOUSE outfit of a company, but a truly awesome little product - when it worked.

Marc
KB7YJJ

2198. Want MOD for ICOM 737A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4n0lqv$4s7@news.aros.net>
Source record: 201334

Request MOD for ICOM 737A HF rig.

2199. Current value Icom R71A??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: John Kirby <jkirby@mcs.net>
Message-ID: <4n0r5l$8uh@Nntp1.mcs.net>
Source record: 201335

I have an Icom R71A general coverage HF receiver, recently returned from the shop (new trimmer caps., battery etc., in other words tip top shape). My question is this, what is the current value for this rig? I have recently received my tech license and my interests have drifted from SWL/BCL. The unit has the remote control, computer interface and DC wiring. I would be interested in selling, so I can buy some VHF/UHF equipment. I'am in the Chicago area, any interest and/or comments on current value appreciated.
Thanks, KB9NLY

John Kirby jkirby@mcs.net
St. Charles, IL _____
60174 A CITIZEN IN THE STATE OF YARAK

2200. FS: KAM+

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: dasosnin@emi.net
Message-ID: <4n142f$6g8@cambridge.emi.net>
Source record: 201336
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

```
FOR SALE:
-----------------

KAM +

Allmode TNC.

About 8 months old.

Excellent condition.

Manuals, cables, power supply.

$200.00 plus shipping FIRM!!

If interested, call 407-966-9443 or send e-mail with phone number to
dasosnin@mail.emi.net

Thanks
```

2201. FS: HW-9 WARC bandpack (HWA-9-0)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: murrayl@cs.hope.edu
Message-ID: <4n1hbj$neb@news.cs.hope.edu>
Source record: 201337

$40 (RTO sells these for 50)

--
MurrayL@macatawa.org

2202. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: parf@aol.com
Message-ID: <4n142t$16p@newsbf02.news.aol.com>
Source record: 201338
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I own the MFJ and aside from recalibrating the resistance meter it has been fine. I also owned the AEA VHF/UHF meter. They don't tell you that the accessory software will NOT allow the meter to be run via a computer (HF meter will). I also am fortunate to own an HP8711B network analyzer and using its standards ($680 a set) showed that the AEA indicated 1:1 VSWR when the load was close to 75 Ohms- 50 Ohms indicated about 1.4:1. VHF was better but still 1:1 was above 50 Ohms. When I called AEA to discuss this I was told "that's about the accuracy you should expect for a $400 instrument- I sold it at the next flea market.

73, Dale WA2YPY

2203. Re: R-1051 Receiver Manual wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: ggreer@ibm.net
Message-ID: <4n23q0$2pfu@news-s01.ny.us.ibm.net>
Source record: 201339
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap

In <4mkd91$f6e@nntp.sierra.net>, eric@sierra.net (Eric Hutchins) writes:
>I need to find a manual for the R-1051 series Receiver. I have a
>R-1051c and need to make repairs. Can anybody provide me with a copy
>of the Technical and/or Operator's manual{s} ? Thanks !
>
>Eric
>KE6IIY
>
Fair Radio in Lima Ohio has copies of the manual you need.
419-227-6573

Geoff

2204. Re: TM221A 2M Mobile Lithium Battery Replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: kc7mj@primenet.com
Message-ID: <4n25fa$om5@nnrp1.news.primenet.com>
Source record: 201340

kgibson@isl.net wrote:

>I have a Kenwood TM221A that cannot retain it's memories. Is the Lithium battery dead? I opened
>it up and tried to find it but I don't see anything that looks like a
>battery. Does anyone know how to locate and replace it?

Frank was right on in his reply. The battery is located in the front panel assembly, and requires some disassembly to get to it. I don't know what the TM-231 is like, but the TM-221's battery is a common battery type (available at Radio Shack) except is has tabs "spot welded" onto it. That is a more difficult type to find. I removed the tabs from the old one and reattached them to the new one. Good Luck!

Jim KC7MJ

2205. RE: Yaesu Ft 767 GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: 072844@msn.com
Message-ID: <00001fed+000032a6@msn.com>
Source record: 201341

Call Yaesu people that have those modules are not letting go..

2206. Re: Need buy scanner other than Radio shack in toronto!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: ac742@FreeNet.Carleton.CA
Message-ID: <4n1t57$c9k@freenet-news.carleton.ca>
Source record: 201342

Vic (netsvic@ipoline.com) writes:
> Hi ! Does anyone know where can I buy scanner other than R. S. in
> toronto ? Please let me know !! Thank you!!
>
Try Atlantic and Norham. They are in the book. Good outfits both.

--
Greg Danylchenko ac742@FreeNet.Carleton.CA
VE3YTZ

2207. TS930 display dimming problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: paul1@news.sfu.ca
Message-ID: <4n2c4u$ckk@morgoth.sfu.ca>
Source record: 201343

I have noticed that the display on my TS930 will dim from time to time as I tune across the band. I know that if the display blanks it means the PLL has gone out of lock, but this does not seem to be the issue. Has anyone else encountered this type of problem, and if so been able to fix it?

cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

2208. RE: ICOM 275, 475 MODS?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb3f4d.bdd67200$25101dcc@gfiber.halcyon.com>
Source record: 201344

On Wednesday, May 08, 1996, Bill Wehling wrote...
> Has anyone seen, done, or know of modifications that will take
> the Icom 275, or 475 out of band?

There was a modification tested at one time, it was SPUR city, the radio when out of banded transmitted spurs on a lot of frequencies so the modification information was destroyed and forgot. So no worthy modification information exhists for there radios.

Gary

2209. Re: Radio Amateur PAGER...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <1985.6705T843T1779@nycmetro.com>
Source record: 201345

>Radiomatt (radiomatt@aol.com) wrote:
>: Paging is in essence, an addressable broadcast. Since I don't think the
>: FCC allows a one-way broadcast on any ham freq., I suspect it would be
>: illegal. (The paging terminal (*data generator*) would probably be hooked
>: to a phone line (a violation since the caller would control the channel),
>: and if you used an answering service to generate the information, the
>: operators would have to be hams.

>Granting all this, let's assume that he intends to be paged by hams. In
>that case, some, if not all newer, radios allow you to set up the radio
>so that the squelch will only be broken by a specific DTMF code. The
>HTX-202 has that feature, for example. So, he could set the handheld to
>activate this feature (I forget what it's called, CTSS Squelch?) and tell
>his friends what DTMF code to send to activate his ht. Then when they
>want to talk to them, they send the DTMF tones and then can call him as
>usual. Then the squelch will break, he will hear his call and be able to
>respond. All other calls will be muted out. This would probably work
>best if not used on a repeater freq, as the tones might confuse the
>repeater. Also, if I remember right from when I played with this feature,
>he'd know he'd been called when he started hearing stuff from the ht,
>even if the other ham sent his call first then the DTMF tones instead
>of the other way around, since the squelch lock-out has to be re-set.

>Just a thought, but probably not what he wants.

>Bill B.
>KC7JSD
>bblohm@boi.hp.com

Push Function and HOLD D-SQL to set the DTMF code you want folks to use. Hit
Function and D-Sql to turn it on/off
<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2210. Need Info: AM-1365/URT 225-400 MHz PA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: Mark Monte <mmonte@linkabit.titan.com>
Message-ID: <4n2kd0$hts@taxis.corp.titan.com>
Source record: 201346

Need Info: AM-1365/URT 225-400 MHz Tube PA

Looking for manual/experience with this govt surplus amp that I now own.
Seems to put out about 100-125 Watts. Would love to have a manual or to
know where to go buy one. Works great at 435 MHz at a 20 W drive level.
Anyone with info out there?

Mark
AB6ZQ
mmonte@titan.com

2211. FT-8500 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: jpss@ais.net
Message-ID: <jpss-1105961341330001@ts02-27.dialup.ais.net>
Source record: 201347

Was wondering if there are any mods out for this unit? A friend just bought 2 of em. If you know of any could you please e-mail me with details.

Thanks

2212. Re: TM221A 2M Mobile Lithium Battery Replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: Frank Wargocki <wargocki@ultranet.com>
Message-ID: <4n2s3m$t2f@decius.ultra.net>
Source record: 201348

Trying to remember back three years or so, I think my battery had tabs on it, also. The standard caveats are that soldering batteries is both bad for the battery and you you if it explodes. In a pinch, make sure the metal is clean and shiny, keep the heat and amount of time low, and wear eye protection.

I remember toying with the idea of bringing out a couple of leads and floating a battery holder in the main cavity of the unit. I didn't have the right holder, got lazy, wanted to use the radio, etc. so I didn't and I'm sure I'll regret that when I need to replace it again.

Frank, AB0G

2213. Has anyone tried the new TIMEWAVE DSP 599zx

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: Martin.Rask@mailbox.swipnet.se
Message-ID: <4n2o7c$s20@mn5.swip.net>
Source record: 201349

I would lie to get a opinion on the new Timewave DSP.. has anyone tired it and how doses it work.. ??

Many thanks in adance and 73's de SM7VHS /Martin

2214. Icom IC2000 Mods Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: Gordon or Nina Adams <ja@laplaza.taos.nm.us>
Message-ID: <3195013A.D3@laplaza.taos.nm.us>
Source record: 201350

Does anyone have the expanded transmit modifications for the Icom IC-2000H? Please reply by e-mail if you can help. Thanks.

Gordon, WU5B

2215. 2M HTs For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: klausner@crl.com
Message-ID: <4n30cr$bqg@crl5.crl.com>
Source record: 201351

IC-2SAT, with high power battery, drop-in quick charger

IC-2GAT, with high power battery, drop-in quick charger

--

Ben Klausner, N5DJL | "Beware of bugs in the above code;
klausner@crl.com | I have only proved it correct,
Austin, TX | not tried it." -- Donald Knuth

2216. Internet Relay Chat for ARES

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: horizons@comm.net
Message-ID: <horizons.60.00A35303@comm.net>
Source record: 201352

We have started a IRC chat area for use of ARES groups nation wide. As another way the stay in contact during a disaster. I thought members and non members of ARES RACES or other Disaster communications might be interested in joining us.

Use your Internet browser to go to the address (URL) below. Download verison mIRC 4.0

http://www.sbcomp.com/mirc/

This program will allow you to enter the IRC chat rooms around the world.

Once you have downloaded the program, you will need to unzip in into a directory named MIRC. This is done by ckicking on file mgr. then of file, then on create directory. Type in MIRC and click OK. Then move the file into the new directory and unzip the program.

Once this is done, go to your program manager window, click on file, then new program group. When the box opens. fill in the blanks and add the icon from the MIRC file.

Use the 16 bit verison instead of the 32 bit. It works much better.

Once you have the program running, dbl click on DALnet:phoenix.net [USA]
You will get another box with a list of rooms. in the empty top box this this:
#ARES/RACES
or
#ARES
All 5 letters plus the # sign this is important to getting in the room.

73's DE KC5FCU
Southeast Louisiana ARES

2217. Help with HT-202 1/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <6e3_9605111440@woodybbs.com>
Source record: 201353

```
REALISTIC HTX-202 Summary of Button Functions

A/LOCK/CA
PTT + A.........Transmit DTMF A.............................page 33
F + LOCK........Keyboard lock...............................page 19
CA..............Calling memory..............................page 20

B/P-SC/PR
PTT + B.........Transmit DTMF B.............................page 33
F + P-SC........Priority scan...............................page 22
PR..............Priority memories...........................page 22

C/M-WR/MR
PTT + C.........Transmit DTMF C.............................page 33
F + W-MR........Memory write................................pages 20-23
MR..............Standard memories...........................page 23

D/M->VFO/VF/CLR
PTT + D.........Transmit DTMF D. Follow with 1-5 to
send a DTMF sequence.......................pages 33 & 34
F + M->VFO......Write memory to VFO.........................pages 20-23
VF..............VFO mode.....................................page 16
CLR.............Clear partially entered freq in VFO mode...page 16

1/T-SQL
PTT + 1.........Transmit DTMF 1.............................page 33
PTT + T-SQL.....Tone squelch................................page 28
1...............In Standard Memory mode, first digit of
selecting memory 10, 11, or 12.............page 23
In VFO mode, enter a frequency.............page 16
In Priority Memory mode,
select Priority Memory 1..................page 22

4/D-SQL
PTT + 4.........Transmit DTMF 4.............................page 33
F + D-SQL.......DTMF-squelch................................page 34
4...............In Standard Memory mode, select Memory 4...page 23
In VFO mode, enter a frequency.............page 16

7/SAVE
PTT + 7.........Transmit DTMF 7.............................page 33
F + SAVE........Power save option...........................page 31
7...............In Standard Memory mode, select Memory 7...page 23
In VFO mode, enter a frequency.............page 16

*/ \/SC
PTT + *.........Transmit DTMF *.............................page 33
```

F + \/SC.....In VFO mode, scan down the selected range..page 30
\/SC.....In VFO, Priority Memory or Standard Memory mode
scan down.....pages 17, 22 & 23
In memory-set mode, next menu item.....page 26

2/DTMF
PTT + 2.....Transmit DTMF 2.....page 33
F + DTMF.....Store DTMF memory sequence.....page 33
2.....In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 2.....page 22

5/BEEP
PTT + 5.....Transmit DTMF 5.....page 33
F + BEEP.....Key entry beep.....page 19
5.....In Standard Memory mode, select Memory 5...page 23
In VFO mode, enter a frequency.....page 16

8/M-SET
PTT + 8.....Transmit DTMF 8.....page 33
F + M-SET.....In VFO mode, memory set.....page 26
In Standard, Priority, Calling Memory,
change options for memory channel.....page 21
8.....In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.....page 16

0/V-SC
PTT + 0.....Transmit DTMF 0.....page 33
F + V-SC.....Vacant scan.....page 19
0.....In Standard Memory mode, select 1st digit
of memory 1.....page 23
In VFO mode, enter a frequency.....page 16

3/ +/-
PTT + 3.....Transmit DTMF 3.....page 33
F + +/-.....Duplex offset.....page 18
3.....In Standard Memory mode, select Memory 3...page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 3.....page 22

(Continued to next message)
---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221

(Continued to next message)
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|

| Standard disclaimer: The views of this user are strictly his own.

2218. Help with HT-202 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: Clint.Bradford@2619-211-9.woodybbs.com
Message-ID: <6e4_9605111440@woodybbs.com>
Source record: 201354

(Continued from previous message)

--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

--
|Fidonet: Clint Bradford 1:2619/211.9
|Internet: Clint.Bradford@2619-211-9.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2219. Re: HTX202 low audio 1/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <6e5_9605111440@woodybbs.com>
Source record: 201355

>>The problem stems from the deviation adjustment
>>telling the guy to speak into the mike is a cheap shot.

Excuse the heck out of me. I just experienced an Amateur with the exact same problem as described. When he was advised that the mike was on the bottom right of the face of the speaker/mike, his audio improved tremendously.

No "slight" to the original poster was intended. I only report what I have experienced first-hand or what I have garnered from reliable sources.

Here's a "low audio/external mike" text I found:

The following information regarding low audio with the HTX-202 was found at:

http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

Title : Low ext mic audio on the HTX-202 and HTX-404

If you own the HTX radio you probably already know about the low external audio problem. I have tried a few different brand mic's and they all failed to get any significant audio into the radio. There is a good reason for this. The problem is the radio does not provide enough voltage to properly bias an ext condenser mic. When the radio is keyed the voltage at the ext condenser mic drops to about 2 tenths of a volt. Most common condenser mic's need a minimum of 2 volts and a nominal of about 4.5 volts. Design flaw or design feature. You be the judge. There is an easy way to get around this. I will tell you how to modify the Radio Shack speaker mic to get very respectable audio out of it. You then will be able to amaze all the smug Yaesu and Icom owners that have looked down at your HTX rig.

You will need the following parts from your friendly neighborhood Radio Shack

cat num,..... description,..... generic

19-310..... speaker mic

270-430..... lithium batt holder.... 20 mm single cell

23-162..... lithium battery..... dl2032..3v 180mah

270-092..... condenser mic..... -65 db sens 2v-10v

.33 microfarad cap,disc type or any small profile type cap

At this point I should say that this is a " use at your own risk"
modification. It is not approved by the manufacturer and if they knew
it would probably void your warranty. Any damage to your radio because
of an incorrectly implemented mod to the speaker mike is solely your
responsibility.

Now having said that, probably the only thing to happen if you blow
the mic mod is that the mic won't work or you won't be able to key the
radio from the external ptt switch. They made the radio hard to hurt
through the ext mike jack.

#1: Unsolder the ptt switch.

#2: Cut the leads to the mic element and remove original mic.

#3: Connect the red wire from the main cable that was going to the
ptt switch before to the side of the resistor that is not connected to
the speaker.

#4: Install the ptt switch in line between the resistor and ground
which is the minus terminal on the speaker.

#5: Connect the .33 mf cap to the top of the resistor where the red
wire is.

#6: Connect the white signal wire from the condenser mic to the other
side of the .33mf cap.

#7: Connect the shield wire from the condenser mic to the ground side
of the resistor. This would be above the switch but on the low side of
the resistor. This is important because if this is wrong the battery
will only last a few days instead of a year or more.

#8: Connect the minus side of the battery holder to the ground point
that is the minus terminal on the speaker.

#9: Connect the positive terminal of the battery holder to the red
bias wire that comes from the mic element.

#10: Install the battery.

(Continued to next message)
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* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2220. Re: HTX202 low audio 2/2

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <6e6_9605111440@woodybbs.com>
Source record: 201356

(Continued from previous message)

#11: Check with a volt meter to check that the bias wire on the mic
is getting aprox 3.1 volts positve.

That should be it. The .33mf cap keeps the radio {red wire from main
cable} from seeing the ext dc from the battery. The ptt switch grounds
the resistor and causes the radio to key and completes the ground for
the mic element. When the radio is not keyed the battery is looking at
a high impeadance instead of the 3k impeadance the mic presents when in
circuit. I checked modulation on my rig by putting the HTX on a dummy
load at low power and listened with headphones to a scanner. this is a
good way to insure that all is well before you take to the bands. Also
I should note that this type of mod can be made to other brand mic's.
Before I tried the Radio Shack model I modified a MFJ-284.

The same principals are involved but in the case of the MFJ there is
more latitude in how you accomplish the mod. The ptt switch is dpdt on
the MFJ and only spdt on the Radio Shack. Having two sets of switch
contacts allows you to use one set to ground the resistor and the other
set to apply the positve voltage to the mic element. Applying the
positive voltage rather than grounding the mic is probably prefered. If
you use the Radio Shack mic you don't have much choice and will need to
use the grounding method on the mic.

Now there are better parts available to do this mod, a noise cancelling
higher sensetivity mic for instance. If you are interested in really
having a high performance mic send a self addressed stamped envelope
and I will tell you how obtain these better performance parts. Send the
envelope to:

Terrapin Sales
P.O. Box 12426
La Crescenta, Ca. 91224-5426

Another cool place for HTX-202 and HTX-404 info as well as other ham
related topics is at the following address.

http://ourworld.compuserve.com:80/homepages/wa3rvt/

Make sure you check out .

The above was located at:
http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

Be careful if you chose the route of internal adjustment for the external
microphone audio. In so doing you will probably be in a position of over

deviating with the built in microphone.

Curtis Eickerman
WB6PUS
Phoenix, AZ

---
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2221. Need Kenwood TM-732A Faceplate

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: coyotee@primenet.com
Message-ID: <4n371m$h0l@nnrp1.news.primenet.com>
Source record: 201357

Howdy!

I am needing a faceplate for the Kenwood TM-732A Dual Band Mobile Radio. Mine was stolen and Kenwood claims that they never made replacements. Please respond via E-Mail!

Thanks for all help!

Brian Potter, KB7UCU
coyotee@primenet.com
http://www.primenet.com/~coyotee
http://www.telexis.com

2222. Re: TM221A 2M Mobile Lithium Battery Replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: Bill Wehling <bweh@comland.com>
Message-ID: <31953CD6.774A@comland.com>
Source record: 201358

kgibson@isl.net wrote:
>
> I have a Kenwood TM221A that cannot retain it's memories. Is the Lithium battery dead? I opened
> it up and tried to find it but I don't see anything that looks like a
> battery. Does anyone know how to locate and replace it?

If memeory (no pun) serves me right, it is on the back side of
the front module. It is not the easiest thing to get to, but
once all apart it is straight forward. Be sure to use a
grounded soldering iron, and reset the radio after
installiation. Hope I remembered the right radio, and that this
helps.
DE KF5NB
--
Bill Wehling <<<bweh@comland.com>>>

2223. Need specs on old modulation xfmr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: dick@netcom.com
Message-ID: <dickDr94HE.66w@netcom.com>
Source record: 201359

I know it's a long shot: I have an old Inca modulation transformer
from about 1936 which I'm trying to use in a newly-built AM xmtr.

Does anyone happen to have a spec sheet on this item?

Modulation transformer made by Inca (Phelps-Dodge) model N30A.

thanks for reading and 73,

Dick Arnold, W5VEC

2224. Re: Wireless Telephones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: ckollai@cybergate.net
Message-ID: <4n1ft6$k7j@galaxy.cybergate.net>
Source record: 201360

tmilko@unisys.com.br (TM) wrote:

>Sorry to post this question here, but this was the best I could find
>to this subject.

>I'm looking for a wireless phone which has a long range reach, to be
>used in a large warehouse. The home Panasonic type phones cannot
>reach so far, can anyone help me to recommend a particular product,
>average price, and where to find in NY ?

>Tks for the help !

>Thomas
>tmilko@uninet.com.br

I would try a 900 MHz cordless; they boast a 1/4 range, which,
hopefully, would be sufficent for you. Their biggest problem, that I
know of, is the fairly short battery life of only a day in standby,
but hopefully you don't need this cordless 24hrs a day.

They're available at many places, but you could start at Radio Shack
and price them there. I also bvelieve that J & R Music WOrld is based
in New York (I don't have a catalog handy) and they sell them as well,
if I'm not mistaken. The biggest catch they have is the $200 to $300
price tag, but that';s much cheaper and other long range solutions,
most of which are illegal in the U.S. because of the frequencies they
use.

If that doesn't work, I wish you the best of luck; maybe someone else
can help you.

-Craig D. Kollai E-mail: Craig@Kollai.com
Visit my web page at::
http://www.cybergate.com/~ckollai/homepg1.htm

2225. Re: Standard C-528 A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-11 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <3194F815.22CB@dfw.net>
Source record: 201361

Bob Dryer wrote:
>
> I am thinking of buying a Standard C-528 A, which will be used
> primarily on my sailboat. I am newly liciensed and this will be my
> first ham radio.
> I would like to hear from anyone with experience with this radio or
> with suggestions for operating marine mobile.
> Bob

Well The 528a was my first radio. I love it. I have used many
differnet hts and I have not seen one that comes close to the 528a. One thing
you might like about it is the mods. You can open the radio up by a key
sequence. Cool huh. If you have any questions just send me e-mail!
--
David Mclean
From The Land of The Hams
KC5NNV is Clear!

[Dfw-Hams]
http://www.dfw.net/~dmclean

2226. ? Anyone have a Hygain Ex-14 for parts ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: 102531.1741@compuserve.com
Message-ID: <4n3me2$6f0@arl-news-svc-4.compuserve.com>
Source record: 201263

This beam hit the ground at a rate of speed not intended for antenna usage!
I need parts to rebuild it. Looking for traps, aluminum, boom, etc.
Vince
day ph: 330-825-4525
email 102531.1741@compuserve.com

2227. DX100 Schematics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: bclongwell@delphi.com
Message-ID: <9605120016591.The_Win-D.bclongwell@delphi.com>
Source record: 201264

Does anyone have a DX100 schematic that I could get a copy of ?

Brian
WB2DSH

2228. WTB Duplexers for VHF with 2.3 Mhz Separation

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: Joe G Wesley <jwesley@tenet.edu>
Message-ID: <4n3q00$526@excelsior.flash.net>
Source record: 201265

I need a set of duplexers for 153-154 mhz with a separation of about 2.3 mhz. If you have something for sale, please email me with a description. If you know where I might find this equipment, I would appreciate your help. jwesley@tenet.edu

Joe N5RMA

2229. HTX-202 Leaking Oil!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: Bill Meara <w.meara@codetel.net.do>
Message-ID: <4n3u85$su2@server2.codetel.net.do>
Source record: 201266

Well actually its contact cleaner and its not really leaking from the HT. My HTX-202 periodically loses the ability to switch to the "high power out" mode. With the help of members of this group, I was able to determine that the problem is caused by bad contacts in the hi-lo power switch. I went in, applied a few drops of contact cleaner and the problem was fixed... for a while. Now I find this radio is hooked on contact cleaner! I have to go in and give it a squirt every few weeks! It also seems that if I transmit for a while in the low power mode, the loss of the high power option soon sets in.

I'm not adept at microsurgery so I don't really want to start looking for a new switch. Any ideas on an easy way to fix this thing? I'm running out of contact cleaner! I don't mind running QRP, I just don't want to be forced into it!

BTW anyone have a set of the kind of screws used to fasten the HTX-202 back plate to the rig?

73 and TIA Bill N2CQR/HI8

2230. Re: Out of Band Modifications for Radio Shack HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: craig.gagne@the-spa.com
Message-ID: <31957189.0@news3.paonline.com>
Source record: 201267

```
> bdn100o@cnas.smsu.edu (Nehl Bryan D) writes:
> :>... looking for the modifications for a Radio Shack HTX-212 that will allow it
> :>to transmit out of band.
> : >John Scheiwe - KB9LTI
> : >jscheiwe@tima.com
>
> : RACES = Radio Amateur Civil Emergency Service = frequencies assigned TO the
> : Amateur Radio Service. Out of band (the Amateur band, that is) is not
> : permitted in RACES operation. Besides, it has been posted here many times
> : before that the RS handhelds are not modifiable for out of band operation. It
> : might have mad more sense if you had at least said you wanted to operate
> : either CAP or MARS........
>
> : Charles P. (Chuck) Adams WB5WRR Tel. +1 817 491 5838
> : Nokia Telecommunications, Inc. USA charles.adams@ntc.nokia.com
>
> The HTX-212 is a MOBILE unit. It IS modifiable for CAP/MAARS.
> I believe in the first few pages of the manual tells/shows what needs to be
> done. Of course, this does void the warranty.
>
> Bryan Nehl User Support Specialist
> bdn100o@cnas.smsu.edu SMSU - Computer Services
> kodiak@gxl.woodtech.com http://www.gxl.com/~kodiak/
>
>>>>
>>>> the mod for the HTX-212 that is listed in the manual does not, I REPEAT, DOES NOT void
the
warranty.......................!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

2231. Wanted Items For Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: Rich Fortnum <fortnum@pints.com>
Message-ID: <3195B3D0.23DE@pints.com>
Source record: 201268

Needed:

VHF Antenna (omnidirectional)
Controller, multi-port
Cavities for VHF

For use with a new repeater here in Guelph, Ontario, for emergency use by us amateurs, and supported by The Red Cross.

Any ideas, information, or leads would be seriously appreciated.

Cheers.
--

Rich Fortnum (aka BeeRich) VA3RFZ fortnum@pints.com
F & M Breweries Limited, Guelph, Ontario, CANADA
The Ontario Beer Page http://www.pints.com/pints/

2232. WANTED: Info on Mosley window-mounted antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: mc@shore.net
Message-ID: <4n4mmf$g18@northshore.shore.net>
Source record: 201269

I recently acquired an interesting portable antenna made by Mosley in St Louis MO.

It is a small three-band trapped vertical that mounts on a wooden board. This slides under the window and is held in place by a clamp. The antenna mounts into a chrome-plated flange at one end of the board. There is an antenna tuner at the other end consisting of a roller inductor and variable capacitor in series covered by a plastic box. There is a SO-239 collector on the bottom of this board and a couple of knobs; one at the end to turn the roller inductor and the other on top to turn the variable condenser. There is an indicator and window that moves with the roller inductor. Also there is a second board-type piece and I am nor exactly sure what it is for. This system is extremely well built.

Does anyone have one of these antennas and willing to copy the documentation? I'd gladly reimburse costs.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

2233. FS: HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: skozmo@aol.com
Message-ID: <4n4ofp$4h9@newsbf02.news.aol.com>
Source record: 201270

HTX-202 FS. 150.00 Includes manual, MFJ speaker mic, alkaline battery pack,
charger. Will ship. Very good condition.

E-Mail to skozmo@aol.com.

2234. Re: Tampa area Ham classes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: fletcher@gate.net
Message-ID: <3195e61f.95084718@news.gate.net>
Source record: 201271

No-Code tech, Novice and Tech + classes starting in april.

No Code to Tech+ at TBARS at Tampa Red Cross 202 N Howard Ave.

Tuesday evenings 7 to 9:30 PM

For info call Mike at 813-622-9102

fletcher@gate.net
AD4HV Tampa, Fl

2235. Re: TM221A 2M Mobile Lithium Battery Replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: kc7mj@primenet.com
Message-ID: <4n4rc2$qol@nnrp1.news.primenet.com>
Source record: 201272

Frank Wargocki <wargocki@ultranet.com> wrote:

>Trying to remember back three years or so, I think my battery had tabs
>on it, also. The standard caveats are that soldering batteries is both
>bad for the battery and you you if it explodes. In a pinch, make sure
>the metal is clean and shiny, keep the heat and amount of time low, and
>wear eye protection.

>I remember toying with the idea of bringing out a couple of leads and
>floating a battery holder in the main cavity of the unit. I didn't have
>the right holder, got lazy, wanted to use the radio, etc. so I didn't
>and I'm sure I'll regret that when I need to replace it again.

>Frank, AB0G

Frank: Yes, your memory serves you well. I did the solder trick myself
too, BUT DON'T RECOMMEND IT TO ANYONE. If very careful, a successful
attachment can be made. I think I will try the leads and holder idea
next time, if I still own the radio.

Jim KC7MJ

2236. Re: Radio Amateur PAGER...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <4n4slo$1pue@useneta1.news.prodigy.com>
Source record: 201273

The Kantronics KPC-9612 has a pager function built in. You can purchase
a pager, like a Motorola Bravo, re-crystal it to your favorite freq, and
page
someone from your computer and TNC. Kantronics can supply the details.

2237. Re: W31A rx between 50-100 MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4n4uq8$6nt@news.whidbey.com>
Source record: 201274

I have a mod which u remove :

Diode D15 & remove chip jumper W1 fer RX freqs from
108-172, 300-600, 800-900 mhz TX 138-174, 400-480mhz

subbustr@whidbey.net

2238. Anyone Built the March 94 QST Battery Charger?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4n50fb$imk@news1.slip.net>
Source record: 201275

I am building the Lead Acid Battery charger from the March 1994 QST.
I have a couple of questions regarding capacitator values and types used
in it, as well as the call for a 0.68 ohm and a 0.22 ohm 3watt resistor.
If anyone has built it please email me. rong@slip.net. I will try to
contact the author, but he is in England and I don't know if I will be
able to get to him. Thanks

2239. KENWOOD TM-241A 2m XCVR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: fscalcate@aol.com
Message-ID: <4n52ur$7cr@newsbf02.news.aol.com>
Source record: 201276

I have recently purchased subject 2m XCVR and am generally very happy with it. I am interested in discovering if there are any "undocumented" functions - for instance, a way to increase memory channel scan speed or reduce the automatic turn-off time?

Reply by post or e-mail.

Thanks ... Cal (N3QFE)

2240. WTB: MC-42 Hand Mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: Bill Kirk <billk@conic.loral.com>
Message-ID: <4n54oo$dg9@wdl1.wdl.loral.com>
Source record: 201277

I am looking for a Kenwood MC-42 hand mike, in very good+ working condition.

Thanx,
Bill
W6RQQ

2241. Re: Radio Shack HTX 202 antenna connection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: terryb@mulberry.com
Message-ID: <4n54qu$dbe@news.mulberry.com>
Source record: 201278

hcohen@analogic.com wrote:

>I've had a 202 for about a year now, and have been very happy with
>it when it works. I think the electronics are wonderful. The problem
>that I have with it is the mechanical connection of the antenna's
>bnc connector with the case. It uses a very thin screwed ring with
>two notches in it. This loosens frequently and causes intermittant
>contact with the inner electronics. This seems to cause two problems
>other than just being annoying. It breaks a soldered connection with
>the electronics and it causes some overload conditions on the
>transmitter, that causes it to die and require service. These problems
>have already put my ht in the shop three times. I'm so happy I
>bought the extended waranty. My questions are the following:

> Has anyone found a way of solving this problem?

> Has anyone found a decent tool for tightening this
> ring, other than a small screwdriver?

>Thank you.

>Howard, n1vxs

I had the same problem. Sent it in for service three times, and the
same problem developed [loose antenna connection]. Believe that the
problem was from wearing the radio on the belt clip, the antenna would
be forced against my side when i bent down. Got it fixed by sending
in the radio to the service department (they had put a new BNC
connector in the radio on the second service), with a note saying.
"Try this", and taped a tube of "lock tight" to the radio. No
problems since, and since the service agency did it, I believe that I
can not be refused warenty, and also they have a record that the
little nut was held with lock tight, so if they have a problem in the
future with removing the nut, it's their problem, they knew about it.

2242. INFO: Motorola MOCOM 70

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: snpcross@aol.com
Message-ID: <4n59h7$9ls@newsbf02.news.aol.com>
Source record: 201279

Hello there, my name is Shawn. I have 2 MOCOM 70 units and I'd like
to know if anyone has any manuals for them. I'd like to know the specs,
too. Currently, they are crystalled at 35.52, but I'l like to know if
they can be brought down to 10M or up to 6M work?
Thanks in advance,
-Shawn
SnPCross@AOL.COM

2243. Garage door opener rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: gmayner@access1.digex.net
Message-ID: <4n5cqr$8ss@access1.digex.net>
Source record: 201280
Cross-posted to: sci.electronics.misc,sci.electronics.repair,sci.electronics.design,rec.radio.amateur.equipment

I am trying to build a simple receiver to control a small solenoid that will operate a door latch. The force on the latch is only a few ounces.

I would like to use a garage door transmitter to send the signal to the receiver. Does anyone have any suggestions about how to do this?

I am *not* an electronics expert but I do have a basic understanding. If I can find someone who sells basic kits for receivers I think I can make this work.

If you have any ideas about where I should start please send me an e-mail.

Thanks!

2244. wanted info for a HP-IB Digital Clock.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: holcombe@oscar.teclink.net
Message-ID: <4n5djl$i34@lou.teclink.net>
Source record: 201281

Hello and thanks for reading this. I just got a Hewlett Packard HP-IB Digital Clock and didn't get a manual with it. If you know anything about this unit or have one would you mind sending me some info about it? I would like to hook it up to my radios and computer via its computer port it has.

Thanks

Doug
--

--
Doug Holcombe, KB5YZI inet: holcombe@mc.edu
Mississippi College (601)894-5210
Clinton, MS 39058

2245. Re: HTX-202 Leaking Oil!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: mattro@radware.net
Message-ID: <N.051296.153901.30@ppp0005.radware.net>
Source record: 201282

You might also look for a different problem all together. If the problem comes after you use
the HT for a while, it may (underline "may") just be a transistor or other heat sensitive part
which is close to going bad. I'd suggest that the next time the hi power quits you, very quickly attach an ohm/continuity meter across the switch and close the switch. If the meter says 'ok', but the hi power does not come on, then your switch is not the problem.

I'm thinking that if this is actually the case, then your taking time to disassemble the radio
and apply tuner cleaner, etc., is allowing enough time for whatever it is to cool off.

Matt Roberts, KK5JY,
mattro@radware.net

2246. WANTED MODS FOR TM455A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: charle52@ix.netcom.com
Message-ID: <4n548n$f0i@dfw-ixnews2.ix.netcom.com>
Source record: 201283

Iam looking for any mods for the Kenwood TM455A. Please contact me
if you have any.

Charles KA0OWT
charle52@ix.netcom.com

2247. Re: Out of Band Modifications for Radio Shack HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: "Andrew D. Lawlor" <adlawlor@concentric.net>
Message-ID: <31966C88.27F6@concentric.net>
Source record: 201284

Nehl Bryan D wrote:
>

> The HTX-212 is a MOBILE unit. It IS modifiable for CAP/MAARS.
> I believe in the first few pages of the manual tells/shows what needs to be
> done. Of course, this does void the warranty.
>
Actually, this is untrue. The modification is discussed on page 17 of
the manual and makes no mention of voiding the warranty. It's simply
a matter of pushing a couple of buttons. 73 KC6NMD

2248. WTB: Butternut HF5B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: rchappel@ix.netcom.com
Message-ID: <4n5784$3ak@dfw-ixnews5.ix.netcom.com>
Source record: 201285

I am looking for a used Butternut HF5B. Any bosdy got one for sale?
If so please contact Bob Chappelear at rlchappel@ix.netcom.com with
particulars including asking price.

Bob C
KI0AS

2249. Re: WANTED MODS FOR TM455A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: rfburns <doogie@pop.fast.net>
Message-ID: <4n5qqj$1if@nn1.fast.net>
Source record: 201286

WELL I HOPE YOU LIKE 432 BECAUSE THATS ALL IT CAN DO THERE ARE
SOME DIODE JUMPERS ON THE INSIDE OF THE FRONT PANEL
FOR AUTO OFFSET DEFAULT FREQ. SOME OTHER USELESS CRAP ON 432
IT IS A REALLY NICE RIG FOR SSB BUT IF YOU LOOKING FOR 440-450
IN THE WORDS FROM A KENWOOD REP ITS LIKE "HAVING A RUBBER WITHOUT
A DICK" I SOLD MINE AND BOUGHT A ICOM 471A THAT COVERS THE WHOLE BAND
USED FOR WHAT I PAID FOR THE 455 ON CLOSE OUT.
GOOD LUCK DONT TAKE ANY MODS UNLESS YOUR SURE OR KNOW HOW TO REPAIR
RADIOS REAL GOOD OR HAVE MONEY TO PISS AWAY IF SO SEND ME SOME
73'S DOUG
N2PLR

2250. Re: DON"T SELL YOUR TUBES TO ANYONE ELSE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: rfburns <doogie@pop.fast.net>
Message-ID: <4n5riq$1if@nn1.fast.net>
Source record: 201287

WOW I GOTTA READ THIS SOBER NEXT TIME.
DOUG

2251. WTB TT MIKE FOR ICOM 271/471/1271

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: rfburns <doogie@pop.fast.net>
Message-ID: <4n5rq0$1if@nn1.fast.net>
Source record: 201288

IM LOOKING FOR A WORKING TT MIKE FOR THIS SERIES RADIOS
DOUG

2252. Re: Headphones That Don't Fall Out!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31966501.79C3@southwind.net>
Source record: 201289

Mark K. wrote:
>
> Avoid Fall Out!
>
> Listening to music while you exercise or run used to be impossible.
> Walkman style ear buds fall out or misalign during strenuous physical
> activity and over the head headphones are uncomfortable.
>
> Radio Partners builds custom ear molds to fit only in your ears. They
> then use Sony's state of the art Turbo ear buds as speakers. Together
> you have headphones that block wind/road noise, sound great and don't
> dislodge when exercising, running, skiing or rollerblading!
>
> For more information call Steve Stegman at: 1-800-321-3364

Just when I got used to using staples to hold them little buggers
in.... :-)
--

Ken Bessler
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

2253. Re: opinion on Alinco DJ-582T and Yaesu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <319666BF.44E1@southwind.net>
Source record: 201290
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

James Tuan wrote:
>
> I am selecting a dual band HT that transceives on 2m and 440MHZ. I am
> currently looking at Alinco DJ-582T and Yaesu FT-530. Does anyone have any
> comments/opinions on either of these radio? Also any suggestions on any other
> models are welcomed. Oh. if you don want to suggest another HT, the specs
> for it should be: 2m/440, CTCSS encode/decode, at least 2W output, DTMF. Also
> extended receive capablility is preferred.
>
> Thanks in advance,
> James.
>
> PS I have a Radio Shack HTX-202 now, should I sell it after I buy a new one?

In my experience, (ft470 vs dj580), the alinco was better at stopping
intermod and got less hot. The newer rigs (530 vs 582) seem to be just
refinements of the old ones so I would buy the Alinco without a second
thought...(sorry yaesu).

73 de KG0WX
--

Ken Bessler
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

2254. FS: AEA PK-88 $75

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: Tim Murray <tamurray@iquest.net>
Message-ID: <Dr9rFD.Btp@iquest.net>
Source record: 201291

Hi folks,

I have an AEA PK-88 TNC with original box and documents, as
well as
the cord for an Icom 275/475, or 271/471.

$75 plus shipping.

Contact Tim Murray, KC4YDJ at tamurray@iquest.net or
(317) 984-2005

Tnx es 73.....

2255. HTX-202 Low Ouput Power

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: driller@mars.superlink.net
Message-ID: <4n5nvm$d1b@earth.superlink.net>
Source record: 201292

I have 2 HTX-202 HT's, one of which has developed the following problem. When I transmit at hi power with T-squelch turned on, the power indicationg lcd bars only indicate about 1/3 to 1/4 full power. If I turn off T-squelch, I get a full power indication. The next part is the screwy one; if I place an inline power/SWR meter on the rig, I then get full power output whether T-squelch is on or off! This doesn't make any sense to me (if the output stayed low, I would think maybe something was wrong with the tone generator).

I reset the rig, and this made no difference.

Anyone with any ideas? Tnx in advance. 73

Steve N2QLQ

2256. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: ed.welch@cheaha.com
Message-ID: <8C07415.0409000E84.uuout@cheaha.com>
Source record: 201293

-> >There isn't any harm in adding additional grounding electrodes or
-> systems. >The harmful situation is having independent grounds
-> connected to different >points in the house. What you want to avoid
-> are ground loops through the >house wiring.
->
-> Or your equipment! That's why you also have to account for paths
-> through your coaxes, control wiring, telco, etc as well as power.

Just catching up with this conversation, sorry for buttin' in, but...
I'm not sure if I follow this. Would sinking a ground rod outside my
bedroom(shack)window and grounding my rig to it be harmful? The earth
ground for the house is at the oposite end....I'd have to string 50' of
wire to it. Or, per chance are you speaking of hooking the ground wire
of the house to two separate rods?

I'm just starting out and this sounds like something that I want to be
correct on. Thanks.

ed.welch@cheaha.com

2257. Re: Morse-Code-Trainer for PC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: ed.welch@cheaha.com
Message-ID: <8C07418.0409000E85.uuout@cheaha.com>
Source record: 201294

-> : Try Super Morse, I haven't learned my code yet, but this one has
-> been : recommended to me.
->
-> Super Morse works great, and can be used at any level from beginning
-> to expert.

I've been checking it out and I'm coming along with the code at a good pace (for me :)). There's a few minor bugs in the version I'm using, but overall I find it a good program.

ed.welch@cheaha.com

2258. ICOM IC2410H modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: zr6kil@ilink.nis.za
Message-ID: <4n8ac4$2h0@ilink3.nis.za>
Source record: 201295

I need to find out how to modify my radio so that I can do crossband repeat.

Can somebody please help me?

Clint

2259. Re: IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: com-com@t-online.de
Message-ID: <4n5n9j$1jc@news00.btx.dtag.de>
Source record: 201296

hier in old Germany gibt es Anleitungen fï¿½r ï¿½nderungen welche
den TX erweitern und die Empfindlichkeit auf 2m !

--

Hallo IC-706 Bastler,

von KE4ZV gibt es eine Umbauanleitung zur Verbesserung der Bandpaï¿½-
Durchlaï¿½kurve von 60-200 MHz. Meines Wissens ist der ï¿½nderungsvorschlag
eine Computersimulation. Mich interessiert, ob jemand den 2.Vorschlag schon
realisiert hat, d.h., ob Theorie und Praxis ï¿½bereinstimmen, und ob diese
ï¿½nderung auch DL-tauglich ist?
Die o.g. Bauteile befinden sich auf der PA UNIT, vor der Buchse 'EXT SP'.

Sinngemï¿½ï¿½e ï¿½bersetzter Originaltext:
Der Frequenzgang hat 2 Polstellen, eine bei ca. 136 MHz und die andere bei
160,5 MHz. Von 60 - 120 MHz ist die Durchlaï¿½kurve gut, mit Rippel < 4dB. Im
Bereich von 130 - 170 MHz ist der Verlust => -36dB, wieder ansteidend auf
-30dB bei 200 MHz. Die Spiegelselektion bei 280 MHz betrï¿½gt nur 26dB.

Modifikation 1:
Die bessere Lï¿½sung beinhaltet das ï¿½ndern von L49 (82nH) in 27nH, L40 (68nH)
in 22nH und C152 (20pF) in 30pF. Diese ï¿½nderung ergibt einen hervorragenden
Bandpaï¿½ von 60 - 200 MHz und hohe Spiegelunterdrï¿½ckung ab 280 MHz.
Lt. KE4ZV soll ICOM diese ï¿½nderung gutheiï¿½en und will sie einfï¿½hren.

Modifikation 2:
Da o.g. ï¿½nderung auch wegen Beschaffung spezieller Bauteile nur schwerlich
durchfï¿½hrbar ist, gibt es noch eine zweite Mï¿½glichkeit, die annï¿½hernd gleiche

Performance erreicht. C53 (20pF) und C153 (12pF) entfernen. Dann C152 (20pF)
durch drï¿½berlï¿½ten des ausgebauten C153 (12pF) auf 32pF erhï¿½hen. Diese ï¿½nde-
rung ergibt ebenfalls eine schï¿½ne gerade Durchlaï¿½kurve mit Anhebung des
oberen VHF-Bereichs und einer Spiegeldï¿½mpfung von -31dB bei 280 MHz.

Falls jemand damit Erfahrung gesammelt hat bitte melden!

ï¿½
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ï¿½ Have a nice day, 73 & bye de Ed. Û°ï¿½
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ï¿½ï¿½ï¿½ END OF TRANSMISSION fm DJ3FA-2 to DB0ABZ on 20.03.96, 10:02:31 UTC ï¿½ï¿½ï¿½

Most Common Failures and Cures for the Icom IC-706

Symptom: Low RX sensitivity on 2-meters.
Probable Cause: Burned D6 on PA unit.
Cure: Replace D6 (MA862).

Symptom: No TX power output on an HF band.
Probable Cause: Bad filter relay.
Cure: Locate and replace faulty filter relay (will be type
AHY-103).

Symptom: Low/distorted RX audio.
Probable Cause: Burned foil trace on PLL unit.
Cure: Repair SPE (ground) foil trace on PLL unit.

Symptom: Low TX output on HF & 6-meters.
Probable Cause: Shorted D18 and Q1 in filter unit.
Cure: Replace D18 (DAP222) and Q1 (2SC4081).

Symptom: Inadequate mic gain.
Cure: Install field mod on main unit: Change value of
R236 from 27k, to 68k-82k. ï¿½The higher the resistor value,
the greater increase in mic gain.ï¿½

Symptom: Thin-sounding mic audio.
Cure: Install field mod inside HM-103: Remove rubber
gasket from beneath mic element.

Symptom: Off frequency in FM TX.
Probable Cause: FM VCO lock voltage needs adjustment.
Cure: Adjust FM VCO lock voltage for 1.5 volts as per
service manual.

Symptom: Unit is stuck in TX mode.
Probable Cause: Shorted T/R switch transistor.
Cure: Replace shorted Q32 in main unit.

Symptom: Radio won't power up.
Probable Cause: Burned ground foil trace in flex cable.
Cure: Replace flex cable EP2 at main board.

MG-CJR 2/96

> - downloaded from CompuServe 29.3.96
##
ACHTUNG: Erst Lesen, dann (lieber nicht) Schrauben!
Alles OHNE GEWAEHR (und ohne Kanone u.a.)!
##

Nach den ueblichen Modifikationen mit D59 und dem gelben Kabel
ist Tx zwar freigegeben, aber Leistung wird nur von 144 bis 148 MHz
produziert.
Nach langem suchen, messen und probieren kommt hier jetzt eine
Modifikation fuer den IC-706, mit der VHF-TX im bereich von ca.
140 bis 162 MHz z.B. als Steuersender moeglich ist!
Der Grund ist folgender:
(falls vorhanden, Schaltplan angucken !)

-Der beruehmte gelbe Draht ist das Signal B8W von IC31, Pin 13.
B8W ist Low zwischen 144 bis 148 MHz, sonst High, und schaltet
den 2m Bandpass.
-Das Signal B8 von IC31, Pin 14 ist High zwischen 144 bis 148 MHz,
sonst Low, und schaltet die Tx-Treiberstufe auf der Hauptplatine.
-Das Signal L8 von IC32, Pin 11 ist High zwischen 60 bis 199 MHz,
sonst Low, und schaltet die Pa zwischen HF und VHF-Betrieb um.
-Auf der PLL-Platine gibt es ein Signal, das zwischen 129 und
199 MHz Low ist.

Alles, was zum Betrieb von 140 bis 162 MHz noetig ist, ist folgendes:
-Die Signale B8W und B8 von IC31 abtrennen;
-B8W mit dem Signal von der PLL-Platine verbinden, der 2m Bandpass ist
dann in Betrieb zwischen 129 und 199 MHz, Rx-brauchbar bis ca. 170 MHz;
-B8 mit L8 verbinden, der Tx-Treiber ist dann eingeschaltet im gesammten
VHF-Bereich. Leider begrenzt ein Bandpass den Betrieb auf 140-162 MHz;
-Fertig, NICHT AUSSERHALB DER AMATEURBAENDER SENDEN !!!!!!

Und jetzt wird die Bastelei richtig aufwendig: IC31 und IC32 sitzen auf
der UNTERSEITE der HAUPTPLATINE! Diese muss also ausgebaut werden!

In der nun folgenden Anleitung ist auch die Modifikation mit D59
beschrieben, diese ist unbedingt noetig, stammt aber nicht von mir.

Werkzeug: ruhige Hand, Miniloetkolben, Kreuzschraubendreher, Pinzette,
etwas Kupferlackdraht und evtl. eine Lupe:

1. Geraet so aufstellen, dass die Front zum Operator zeigt. Gehaeusedeckel
entfernen und Lautsprecher herausnehmen.
2. Alle Leitungen von der Platine Trennen. Vorsichtig!. Die Flachbandkabel
lassen sich leicht entfernen und wieder einstecken, wenn man vorher den
oberen Teil des Halterahmens mit der Pinzette anhebt. Man sollte sich
vorsichtshalber merken, welches Kabel wo steckt...
3. Die 5 Halteschrauben der Platine loesen und die Platine herausnehmen.
4. -Falls noch nicht geschehen:
Diode D59 suchen. Diese laesst sich folgendermassen finden: Hinter den
Quarzfiltern befindet sich der Steckpfosten, von dem die
goldfarbenen Draehte des PVC-Bandes wegfuehren. Direkt rechts davon auf
der Hauptplatine befinden sich 5 Plaetze fuer dreibeinige SMD-
Dioden. In der Europa-Version sind von links nach rechts gesehen die
Plaetze 2,3 und 5 bestueckt, 1 und 4 sind frei. Der zweite Platz von
links enthaelt D 59. Siehe Bild:

D108

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^^
D59

Nach vorn sind zwei Anschluesse (Anoden), nach hinten ein Anschluss der
Diode (Katode). Dies einzelne Beinchen muss abgeloetet werden, am
besten erhitzen und vorsichtig hochbiegen.

5. Platine umdrehen (Unterseite nach Oben).
Die beiden Bausteine mit der Bezeichnung uPD4049... suchen, es sind
16-Pin ICs, die entgegennesetzt montiert sind. Sie befinden sich in
etwa unter der grossen Blechkiste, welche auf der Platinenoberseite
aufgeloetet ist.

```
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```

An IC31 Pin 13 und Pin 14 von der Platine Losloeten und hochbiegen.
Unter IC31 kommt links oben eine Leiterbahn heraus und fuehrt zu einer
Durchkontaktierung. Diese Leiterbahn kommt von Pin 14. In die Durch-
kontaktierung ein stueck Kupferlackdraht einloeten und zu Pin 11 von
IC 32 fuehren.
Das wars an der Hauptplatine!
6. Hauptplatine wieder Einbauen.
7. Den Stecker mit den Bunten Draehten Suchen, der hinten auf der
Hauptplatine steckt. Der 4. Draht von links ist ein gelber.
An diesem Kontakt muss ein Stueck Draht angeloetet werden, dass man
auf die Unterseite des Transceivers fuehrt.
!!!!! WICHTIG !!!!!
In dieser Modifikation bleibt der Stecker, wo er ist. NICHT Trennen!
Das Signal wurde schon an IC31, Pin 13 getrennt, das Signal vom gelben
Draht wird auf der Hauptplatine noch gebraucht.
8. Das UFO umdrehen und die Unterseite oeffnen.
9. Vorne rechts fuehrt ein Koaxkabel zu J8. links davon ist eine
Durchkontaktierung, von der eine Leiterbahn nach links zum mittleren
von 5 Transistoren fuehrt. In diese Durchkontaktierung wird der Draht
geloetet, den man Oben mit dem gelben Draht verbunden hat.

```
Leiterbahn---> ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½Ä¿
ï¿½ ï¿½ *
ï¿½XXï¿½ ï¿½XXï¿½ ï¿½XXï¿½ ï¿½XXï¿½ ï¿½XXï¿½ ï¿½-O *** J8
*
Draht in dieses Loch loeten^
```

10. Geraet in der umgekehrten Reihenfolge wieder zusammenbauen.

ACHTUNG: Wenn man jetzt D59 veraendert hat,wird beim Einschalten des Gerï¿½tes intern automatisch ein RESET durchgefï¿½hrt, d.h. alle programmierten Menue-Einstellungen gehen verloren und mï¿½ssen neu konfiguriert werden !!!

Das alles ist natuerlich ohne Gewaehr, und jeder ist fuer seinen Murks selbst verantwortlich.

73 und 55 de Olaf, DG4LAD @ DB0OQ in Kiel.

2260. WTB:Heath Mohican GC-1/SB310/313

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: Jim Dillon <Beadgal@PTIALASKA.NET>
Message-ID: <4n517b$18n@news.dgsys.com>
Source record: 201297

I am looking to find any of these Heathkit General Coverage
1960s SS receivers:
GC-1 Mohican, the battery-capable one with big whip
SB310 or 313 International Band Rcvrs
Also looking for Heath or other Direction Finding radios
Thanks Jim Dillon WL7CMQ beadgal@ptialaska.net

2261. REJECTED: Ham-Equip Digest V96 #363

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-12 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9605130406.AE00033@rtp41.rtp.dg.com>
Source record: 201298

----- Mail rejected by CEO. -----
No Routing Link Available Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V96 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 12 May 96 Volume 96 : Issue 363

Today's Topics:
Antenna Analysers
Anyone Built the March 94 QST Battery Charger?
FS: HTX-202
Icom 2000 Mods needed for extended transmit
ICOM 275, 475 MODS?
Internet Relay Chat for ARES
License Exam Scheduling?
Need Kenwood TM-732A Faceplate
Out of Band Modifications for Radio Shack HTX-212
Radio Amateur PAGER...
RS HTX-202 Low Audio
Standard C-528 A
Standard C568a mods needed!!!!
Tampa area Ham classes
TM221A 2M Mobile Lithium Battery Replacement
TS930 display dimming problem
W31A rx between 50-100 MHz
WANTED: Info on Mosley window-mounted antenna
wanted info for a HP-IB Digital Clock.
Wanted Items For Repeater
WANTED MODS FOR TM455A
Wireless Telephones

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 May 1996 00:12:13 -0400
From: parf@aol.com (Parf)
Subject: Antenna Analysers

I own the MFJ and aside from recalibrating the resistance meter it has
been fine. I also owned the AEA VHF/UHF meter. They don't tell you that
the accessory software will NOT allow the meter to be run via a computer
(HF meter will). I also am fortunate to own an HP8711B network analyzer
and using its standards ($680 a set) showed that the AEA indicated 1:1
VSWR when the load was close to 75 Ohms- 50 Ohms indicated about 1.4:1.
VHF was better but still 1:1 was above 50 Ohms. When I called AEA to
discuss this I was told "that's about the accuracy you should expect for a
$400 instrument- I sold it at the next flea market.

73, Dale WA2YPY

Date: 12 May 1996 15:35:07 GMT
From: Ron Giuntini <rong@204.160.88.10>
Subject: Anyone Built the March 94 QST Battery Charger?

I am building the Lead Acid Battery charger from the March 1994 QST.
I have a couple of questions regarding capacitator values and types used
in it, as well as the call for a 0.68 ohm and a 0.22 ohm 3watt resistor.
If anyone has built it please email me. rong@slip.net. I will try to
contact the author, but he is in England and I don't know if I will be
able to get to him. Thanks

Date: 12 May 1996 09:18:49 -0400
From: skozmo@aol.com (SKozmo)
Subject: FS: HTX-202

HTX-202 FS. 150.00 Includes manual, MFJ speaker mic, alkaline battery
pack,
charger. Will ship. Very good condition.

E-Mail to skozmo@aol.com.

Date: Fri, 10 May 1996 19:51:55 -0600
From: Gordon or Nina Adams <ja@laplaza.taos.nm.us>
Subject: Icom 2000 Mods needed for extended transmit

Does anyone know how to modify an Icom IC-2000 for out-of-band transmit?
Please reply by e-mail if you have this information. Thanks very much
and 73.

Gordon, WU5B

Date: 11 May 1996 15:32:00 GMT
From: "Gary P. Fiber" <gfiber@halcyon.com>
Subject: ICOM 275, 475 MODS?

On Wednesday, May 08, 1996, Bill Wehling wrote...
> Has anyone seen, done, or know of modifications that will take
> the Icom 275, or 475 out of band?

There was a modification tested at one time, it was SPUR city, the radio when out of banded transmitted spurs on a lot of frequencies so the modification information was destroyed and forgot. So no worthy modification information exhists for there radios.

Gary

Date: Sat, 11 May 1996 16:37:19 UNDEFINED
From: horizons@comm.net (Karen Elizabeth Johansen)
Subject: Internet Relay Chat for ARES

We have started a IRC chat area for use of ARES groups nation wide. As another way the stay in contact during a disaster. I thought members and non members of ARES RACES or other Disaster communications might be interested in joining us.

Use your Internet browser to go to the address (URL) below. Download verison mIRC 4.0

http://www.sbcomp.com/mirc/

This program will allow you to enter the IRC chat rooms around the world.

Once you have downloaded the program, you will need to unzip in into a directory named MIRC. This is done by ckicking on file mgr. then of file, then on create directory. Type in MIRC and click OK. Then move the file into the new directory and unzip the program.

Once this is done, go to your program manager window, click on file, then new program group. When the box opens. fill in the blanks and add the icon from the MIRC file.

Use the 16 bit verison instead of the 32 bit. It works much better.

Once you have the program running, dbl click on DALnet:phoenix.net [USA]
You will get another box with a list of rooms. in the empty top box this this:
#ARES/RACES
or
#ARES
All 5 letters plus the # sign this is important to getting in the room.

73's DE KC5FCU
Southeast Louisiana ARES

Date: Fri, 10 May 1996 15:34:36 GMT
From: ckollai@cybergate.net (Craig D. Kollai)
Subject: License Exam Scheduling?

I hope it acceptable to post this here, but I got no response in
in.ham-radio, so here I am. I've been browsing here try to learn
about HAM equipment in general, and also hoping to maybe find and buy
my first rig used to save money, as I am still a college student
(Systems Engineering major, Technical Theater minor) and don't have a
WHOLE lot of money...

Anyway, on to the point. I have the Radio Shack "Now You're Talking"
book and would like to take the exam to get a Technicain Class
license.

Does anyone know where I can get more information on a location, date,
and time?

Are there any scheduled in the near future?

Please post responses here and E-mail me as well in case I miss a
post, thanks!

-Craig D. Kollai E-mail: Craig@Kollai.com
Visit my web page at::
http://www.cybergate.com/~ckollai/homepg1.htm

Date: 11 May 1996 16:15:02 -0700
From: coyotee@primenet.com (Brian Potter)
Subject: Need Kenwood TM-732A Faceplate

Howdy!

I am needing a faceplate for the Kenwood TM-732A Dual Band Mobile Radio. Mine
was
stolen and Kenwood claims that they never made replacements. Please respond via
E-Mail!

Thanks for all help!

Brian Potter, KB7UCU
coyotee@primenet.com
http://www.primenet.com/~coyotee
http://www.telexis.com

Date: 12 May 96 05:05:13 GMT
From: craig.gagne@the-spa.com

Subject: Out of Band Modifications for Radio Shack HTX-212

> bdn100o@cnas.smsu.edu (Nehl Bryan D) writes:
> :>... looking for the modifications for a Radio Shack HTX-212 that will allow
it
> :>to transmit out of band.
> : >John Scheiwe - KB9LTI
> : >jscheiwe@tima.com
>
> : RACES = Radio Amateur Civil Emergency Service = frequencies assigned TO the
> : Amateur Radio Service. Out of band (the Amateur band, that is) is not
> : permitted in RACES operation. Besides, it has been posted here many times
> : before that the RS handhelds are not modifiable for out of band operation.
It
> : might have mad more sense if you had at least said you wanted to operate
> : either CAP or MARS........
>
> : Charles P. (Chuck) Adams WB5WRR Tel. +1 817 491
5838
> : Nokia Telecommunications, Inc. USA
charles.adams@ntc.nokia.com
>
> The HTX-212 is a MOBILE unit. It IS modifiable for CAP/MAARS.
> I believe in the first few pages of the manual tells/shows what needs to be
> done. Of course, this does void the warranty.
>
> Bryan Nehl User Support Specialist
> bdn100o@cnas.smsu.edu SMSU - Computer Services
> kodiak@gxl.woodtech.com http://www.gxl.com/~kodiak/
>
>>>>
>>>> the mod for the HTX-212 that is listed in the manual does not, I REPEAT,
DOES NOT void the
warranty.....!!
!!

Date: 12 May 1996 14:30:16 GMT
From: GCLL54A@prodigy.com (Gary Judd)
Subject: Radio Amateur PAGER...

The Kantronics KPC-9612 has a pager function built in. You can purchase
a pager, like a Motorola Bravo, re-crystal it to your favorite freq, and
page
someone from your computer and TNC. Kantronics can supply the details.

Date: 9 May 1996 15:53:44 GMT
From: gsparks@ix.netcom.com (Glenn Sparks)
Subject: RS HTX-202 Low Audio

Please tell us which ham store fixes your Yeacomwood while you wait, or how far you have to drive to get to a ham store. I have a RS 4 blocks from my house, the closest (only) ham store in Houston, Texas (something like the 4th largest city in US) to me is on the north side of town 30 miles from my house, and the times I did make the trek I couldn't convince the guys sitting around complaining about how hams only want to buy used cheap stuff and won't pay for anything new, to get up and help me, so I left.

I really think your comments about the design and quality of the 202 are not based on fact, I see many hams here in Houston using the 202, and all I've talked to are pleased. I get great signal reports on the air, until I tell them the rig is a RS, then the signal report gets downgraded unless the other Ham is using a RS also.

I don't think the rigs are perfect, but the intermod rejection of the 202 is so far superior to anything else in the 2m handheld catagory I have seen working many public service events in downtown, I can't see why anyone in a large city would by anything but the RS HTX-202.

KI5GY Glenn Sparks

In <4mrt3i$ffc@dfw-ixnews2.ix.netcom.com> kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>
>You last post was very useful and informative. It is too bad Maxon
>ooops I mean Radio Shack didn't design the radio properly in the first
>place. The real problem with the RS radios is the poor quality
>assurance and lack of support in most stores. I don't expect an
>electrical engineer for what RS pays but I also don't expect
defenctive
>returned equipment to be restocked for the next sucker ooops customer
>to buy. I really believe a new ham is much better off with real ham
>equipment rather than a RS piece that might or might ot work properly.
>
> 73 Jerry

Date: Sat, 11 May 1996 15:27:01 -0500
From: David Mclean <dmclean@dfw.net>
Subject: Standard C-528 A

Bob Dryer wrote:
>
> I am thinking of buying a Standard C-528 A, which will be used
> primarily on my sailboat. I am newly liciensed and this will be my
> first ham radio.
> I would like to hear from anyone with experience with this radio or
> with suggestions for operating marine mobile.
> Bob

Well The 528a was my first radio. I love it. I have used many
differnet hts and I have not seen one that comes close to the 528a. One thing

you might like about it is the mods. You can open the radio up by a key
sequence. Cool huh. If you have any questions just send me e-mail!
--
David Mclean
From The Land of The Hams
KC5NNV is Clear!

[Dfw-Hams]
http://www.dfw.net/~dmclean

Date: Sat, 11 May 1996 15:32:41 -0500
From: David Mclean <dmclean@dfw.net>
Subject: Standard C568a mods needed!!!!

Hello I am looking for the mods for the C568a. If you have them please
send tham to dmclean@dfw.net
--
David Mclean
From The Land of The Hams
KC5NNV is Clear!

[Dfw-Hams]
http://www.dfw.net/~dmclean

Date: Sun, 12 May 1996 13:26:32 GMT
From: fletcher@gate.net (mike fletcher)
Subject: Tampa area Ham classes

No-Code tech, Novice and Tech + classes starting in april.

No Code to Tech+ at TBARS at Tampa Red Cross 202 N Howard Ave.

Tuesday evenings 7 to 9:30 PM

For info call Mike at 813-622-9102

fletcher@gate.net
AD4HV Tampa, Fl

Date: 12 May 1996 07:08:02 -0700
From: kc7mj@primenet.com (James Skjervem)
Subject: TM221A 2M Mobile Lithium Battery Replacement

Frank Wargocki <wargocki@ultranet.com> wrote:

>Trying to remember back three years or so, I think my battery had tabs
>on it, also. The standard caveats are that soldering batteries is both
>bad for the battery and you you if it explodes. In a pinch, make sure
>the metal is clean and shiny, keep the heat and amount of time low, and
>wear eye protection.

>I remember toying with the idea of bringing out a couple of leads and
>floating a battery holder in the main cavity of the unit. I didn't have
>the right holder, got lazy, wanted to use the radio, etc. so I didn't
>and I'm sure I'll regret that when I need to replace it again.

>Frank, AB0G

Frank: Yes, your memory serves you well. I did the solder trick myself
too, BUT DON'T RECOMMEND IT TO ANYONE. If very careful, a successful
attachment can be made. I think I will try the leads and holder idea
next time, if I still own the radio.

Jim KC7MJ

Date: 11 May 1996 15:35:58 GMT
From: paul1@morgoth.sfu.ca (Paul Erickson)
Subject: TS930 display dimming problem

I have noticed that the display on my TS930 will dim from time to time
as I tune across the band. I know that if the display blanks it means
the PLL has gone out of lock, but this does not seem to be the issue.
Has anyone else encountered this type of problem, and if so been able
to fix it?

cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

Date: 12 May 1996 15:06:48 GMT
From: subbustr@whidbey.net (DAVE M . SCHERTZER)
Subject: W31A rx between 50-100 MHz

I have a mod which u remove :

Diode D15 & remove chip jumper W1 fer RX freqs from
108-172, 300-600, 800-900 mhz TX 138-174, 400-480mhz

subbustr@whidbey.net

Date: 12 May 1996 08:48:15 -0400
From: mc@shore.net (Michael Crestohl)
Subject: WANTED: Info on Mosley window-mounted antenna

I recently acquired an interesting portable antenna made by Mosley in
St Louis MO.

It is a small three-band trapped vertical that mounts on a wooden board.
This slides under the window and is held in place by a clamp. The antenna
mounts into a chrome-plated flange at one end of the board. There is an
antenna tuner at the other end consisting of a roller inductor and
variable capacitor in series covered by a plastic box. There is a
SO-239 collector on the bottom of this board and a couple of knobs; one at
the end to turn the roller inductor and the other on top to turn the
variable condenser. There is an indicator and window that moves with the
roller inductor. Also there is a second board-type piece and I am nor
exactly sure what it is for. This system is extremely well built.

Does anyone have one of these antennas and willing to copy the
documentation? I'd gladly reimburse costs.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

Date: 12 May 1996 19:19:17 GMT
From: holcombe@oscar.teclink.net (Doug Holcombe)
Subject: wanted info for a HP-IB Digital Clock.

Hello and thanks for reading this. I just got a Hewlett Packard HP-IB Digital
Clock and didn't get a manual with it. If you know anything about this unit or
have one would you mind sending me some info about it? I would like to hook it up
to my radios and
computer via its computer port it has.

Thanks

Doug
--

--
Doug Holcombe, KB5YZI inet: holcombe@mc.edu
Mississippi College (601)894-5210
Clinton, MS 39058

Date: Sun, 12 May 1996 04:48:00 -0500
From: Rich Fortnum <fortnum@pints.com>
Subject: Wanted Items For Repeater

Needed:

VHF Antenna (omnidirectional)
Controller, multi-port
Cavities for VHF

For use with a new repeater here in Guelph, Ontario, for emergency use by us amateurs, and supported by The Red Cross.

Any ideas, information, or leads would be seriously appreciated.

Cheers.
--

Rich Fortnum (aka BeeRich) VA3RFZ fortnum@pints.com
F & M Breweries Limited, Guelph, Ontario, CANADA
The Ontario Beer Page http://www.pints.com/pints/

Date: 12 May 1996 16:39:51 GMT
From: charle52@ix.netcom.com (charles bishop)
Subject: WANTED MODS FOR TM455A

Iam looking for any mods for the Kenwood TM455A. Please contact me if you have any.

Charles KA0OWT
charle52@ix.netcom.com

Date: Sat, 11 May 1996 09:51:47 GMT
From: ckollai@cybergate.net (Craig D. Kollai)
Subject: Wireless Telephones

tmilko@unisys.com.br (TM) wrote:

>Sorry to post this question here, but this was the best I could find
>to this subject.

>I'm looking for a wireless phone which has a long range reach, to be
>used in a large warehouse. The home Panasonic type phones cannot
>reach so far, can anyone help me to recommend a particular product,
>average price, and where to find in NY ?

>Tks for the help !

>Thomas
>tmilko@uninet.com.br

I would try a 900 MHz cordless; they boast a 1/4 range, which, hopefully, would be sufficent for you. Their biggest problem, that I know of, is the fairly short battery life of only a day in standby, but hopefully you don't need this cordless 24hrs a day.

They're available at many places, but you could start at Radio Shack and price them there. I also bvelieve that J & R Music WOrld is based in New York (I don't have a catalog handy) and they sell them as well, if I'm not mistaken. The biggest catch they have is the $200 to $300 price tag, but that';s much cheaper and other long range solutions, most of which are illegal in the U.S. because of the frequencies they

use.

If that doesn't work, I wish you the best of luck; maybe someone else
can help you.

-Craig D. Kollai E-mail: Craig@Kollai.com
Visit my web page at::
http://www.cybergate.com/~ckollai/homepg1.htm

End of Ham-Equip Digest V96 #363
****

2262. auto antenna tuner questions for new to hf ham

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Gearloos <gearloos@pacbell.net>
Message-ID: <319720B3.2099@pacbell.net>
Source record: 201212

Hi and thanks for the help in advance.
I have a Yeasu ft-890 with the auto tuner and it is hooked up to a vertical fiberglass 11 meter antenna that I cut down and matched to 10 meters for another radio. I have used the 890 on this antenna with good results (I get cw contacts on 40) but I have been told that I should not use it with this antenna. Why not if my match is ok (from what the radio thinks). the meter on the 890 says 1.2 or so to 1
thanks again...ke6ott

2263. UHF Mostar

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: kckm@tir.com
Message-ID: <31975635.10B2@tir.com>
Source record: 201213

Has anyone had any luck getting a Motorola Mostar to work in the 440-450 range? Any info will be appreciated.
Thanks.... Ken

kckm@tir.com

2264. FT-8500 Mods available???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: jpss@ais.net
Message-ID: <jpss-1305960735080001@ts01-04.dialup.ais.net>
Source record: 201214

A friend has 2 of these radios and was wondering if there are any mods available for em.

Thanks

2265. IC-2350H Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: <>
Message-ID: <4n7dud$27la@ausnews.austin.ibm.com>
Source record: 201215

Hello All,
I bought a IC 2350H in March at a Hamfest and put it in my car a month later. Since I have put it in it has done a full reset many times. This has caused it to lose all the stations etc I had programmed into it. I have been careful not to push the buttons that cause a full reset prior to powering on the rig. It only resets as part of a power on.
Has anyone else had this problem with this radio? Other than this reset problem it seems to run like a champ.
The problem will occur with the engine running or not. The radio is wired directly to the batter and is double fused. I do not know if I have a bad CPU or not? I have spoken to ICOM and they have told me they no longer use a battery to retain the memory, but have a electronicly programmed eprom. A power spike could cause a memory loss. The only problem is I do not believe I have had such a spike.
Well the radio goes back today and I will let this forum know the out come of the service efforts at ICOM.
Have a good day.

Larry Schroeder
lschroeder@vnet.ibm.com
KD4HSL

2266. FS Icom 720

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: acephotog@emi.net
Message-ID: <acephotog-1305961042540001@ttye0.emi.net>
Source record: 201216

I'm selling my Icom 720 HF rig. I've got a photocopied version of the manual for it (it's all there). HM-7 mic. It works good. Requires a 20amp 12v power supply.
Make an offer if you're really interested. If you're not really interested, then don't make an offer. Thanks and 73 - Dan WB2IZP

--
Dan Conklin acephoto@emi.net

2267. MFJ 10 Vert. Ant. Performance?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: bjohn@cris.com
Message-ID: <N.051396.110404.65@concentric.net>
Source record: 201217

Is anyone familiar with the performance of the MFJ-1798 Half-wave vertical antenna with coverage from 75/80 40,30,20,17,15,12,10,6 & even 2 meters?

Thanks,
Ben Johnson, KF4JEB

2268. Glass mount on "shaded" window

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Louis Bertrand <louisb@tor.comm.mot.com>
Message-ID: <31974F69.5048@tor.comm.mot.com>
Source record: 201218
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Hello all,

Does anybody have any experience with the "patterned" sun shade at the
top of the rear window of
GM cars (mine is a 92 Chev Corsica)?
I'd like to install a glass-mount Larsen dual-band but I'm worried that
the patterning ink is
metallic (won't conduct RF power or won't allow the adhesive to stick
(that's bad too!).
The patterning is an array of dots that start large at the top and
shrink in size 3-4 inches
down from the top. They appear to be printed as some sort of paint or
ink.

Thanks
--Louis

--
Louis Bertrand, Senior Engineer Motorola Canada LMPS
Toronto Design Centre 3900 Victoria Park Avenue
SMTP: louisb@comm.mot.com North York, Ontario
X.400: Y10290 Canada, M2H 3H7
Mailstop: ONT1 +1.416.756.5855

2269. TenTec Omni VI software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Lyn Chapple <lyn@g4kbx.demon.co.uk>
Message-ID: <AEtnnCAMGxlxEwFk@g4kbx.demon.co.uk>
Source record: 201219

Is there any Windows (preferably Win95) software available specifically for the TenTec Omni VI? If not, can anyone let me know what there is for the Icom IC735.
Thanks, 73 de Lyn G4KBX

2270. Alinco DJG1T Freq Agility?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: "Ray D. Congdon" <rayc@tcd.net>
Message-ID: <4n7lh4$to@news.tcd.net>
Source record: 201220

I can hear the flames licking at my feet now but...
I would like to know if anyone has successfully taken the DJG1T
out of band (TX) on either the VHF or UHF. I do not intend to
operate on FCC allocations. I manage telecom on NTIA administrated
bands for wildfire suppression on Federal Gov. Incidents. You will
find that such use does not require FCC type acceptance. (although
most radios used do have such.)

I currently must pack three rather large BK radios with me to operate.
One small rig certianly would be nice.

Thanks for the BTUs in advance.

Ray D. Congdon N7HQK
Comm Unit Leader, Martins type II team
Great Basin Incident Command
rayc@tcd.net

2271. Re: Alinco DJ-G5 Freq Agility?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: "Ray D. Congdon" <rayc@tcd.net>
Message-ID: <4n7lqe$11v@news.tcd.net>
Source record: 201221

Ray D. Congdon <rayc@tcd.net> writes:
> I can hear the flames licking at my feet now but...
> I would like to know if anyone has successfully taken the DJ-G5
> out of band (TX) on either the VHF or UHF. I do not intend to
> operate on FCC allocations. I manage telecom on NTIA administrated
> bands for wildfire suppression on Federal Gov. Incidents. You will
> find that such use does not require FCC type acceptance. (although
> most radios used do have such.)
>
> I currently must pack three rather large BK radios with me to operate.
> One small rig certianly would be nice.
>
> Thanks for the BTUs in advance.

oops... Grabbed the wrong model number... I ment the DJ-G5 dual bander vice
the DJG1T 2m radio... More heat..

> Ray D. Congdon N7HQK
> Comm Unit Leader, Martins type II team
> Great Basin Incident Command
> rayc@tcd.net

2272. Kenwood TH-78A recieve problem...HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Nathan Odle <c670064@showme.missouri.edu>
Message-ID: <319767D3.402BB33@showme.missouri.edu>
Source record: 201222

I'm running the following:

Kenwood TH-28A w/programmable spkr. mic
RF Concepts 35W 2m amplifier
bandpass filter
Maldol dual-band antenna (the one with the highest gain rating)
RG-8M throughout the vehicle

My problem is that whenever I drive by the stupid pager tower, I start hearing a local TV station that is also situated nearby. I also have VERY high background noise levels wherever I go (they sometimes break the squelch even when it's all the way up!) The source of the noise is NOT vehicular, and only happens when there's a high gain antenna on it (like in the car, or in the shack). I assume I've got a case of intermod, but I've tried that bandpass filter (can't remember who makes it, but it's a good commercial-quality filter), to no avail. Anyone have suggestions? Please mail replies in addition to posting them...

--

-Nathan
c670064@showme.missouri.edu
http://www.missouri.edu/~c670064/

2273. 6A10 tubes wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: dorje@mint.net
Message-ID: <31976a53.16966380@news.mint.net>
Source record: 201223

```
Need some 6A10 tubes for an old boatanchor.
Please respond to dorje@mint.net
Chuck WA1IIE
```

2274. FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31973470.2CDA@hogsett.com>
Source record: 201224

I just spoke to a technician at Yaesu about the crappy audio in Wide FM mode on the FT-50R. She said that due to the size of the radio, they were only able to fit a 30-35KHz filter, instead of a 75KHz filter, for Wide FM mode. When I mentioned that this made the extended bands useless, she said that people in Japan are able to use it (I doubt that). She offered to fax me a list of FM frequencies I can listen to in Wide FM mode.

She said they were going to "fix it" in the manual and advertisements. She said there's not going to be a fix offered for the radio. When I said I wanted my money back, she called my bluff and asked me where I bought the radio.

I'll keep it, but I wish it worked as advertised.

--
+---
| Jerry Hogsett (home) jerry@hogsett.com |
| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
| (500)-G-HOGSETT http://www.hogsett.com |
---+

2275. If money were no object

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: admin@hoptechno.com
Message-ID: <4n7s32$1ch@stratus.skypoint.net>
Source record: 201225

If money were no object, what would be the best hf tranceiver you could buy.
Further assume you would put it on a motor boat and go around the world.
Therefore you would need absolute reliability (no need for service ever - except
what a ham could do herself), excellent stability and sensitivity.
Assume that gimmicks and contest helpful trinkets are of no essential
value.

Phil

2276. Future HF xcvrs: Are any of you Radio Manufacturers Reading this ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: "Richard B. Harel" <rharel@fab8.jer.intel.com>
Message-ID: <4n7dg2$ms0@ilx018.iil.intel.com>
Source record: 201226

Here is a list of features I'd love to see the 'Big 3' Japanese manufacturers of AR equipment incorporate into their future HF xcvrs. Many commercial manufacturers have already incorporated many of these features.

1. Sylabic Squelch. - If anyone has ever used this feature, there's no going back ! This type of squelch opens upon detection of voice characteristics. JPS makes a plug in module with this feature that is sold to many commercial OEM's. Some include a 'gaurd tone' similar to a PL that reduces false squelch tripping.

2. Wide band digital receiver. - Imagine if every 10 minutes (if you so desired) your xcvr would transmit a digital packet containing your callsign, frequency and present time. Providing that everyone used the same protocol and the idea caught on, a wide band receiver built into your xcvr would constantly monitor the band and collect a list of 'who's on' and where. Interfaced to a PC, you'd be able to keep your xcvr on for a while and scan for several years until that rare station you've always been looking for from Yemen came on. Yes, a DX packet cluster does very much the same thing, but not everyone has access to them and input is not in real time.

3. ALE. - Automatic Linking. Many commercial xcvrs now use an ALE protocol to link 2 xcvrs on the most suitable freq. with the highest S/N ratio. True, we are much more limited in freq allocation, but it would still be neat to set up my xcvr with the same protocol with my friend's xcvr in London that would automatically determine that from the preset memories that we both have set up in our xcvrs on 14,18,21,24,+28Mhz, at this time 28.450 (i.e.) is providing the best S/N ratio. It checks other memories from time to time to see when this changes.

4. Alpha-numeric memories display. - With 99 memories in my FT-990, I have to remember what each one is or write it down somewhere ! Yaesu has done this for their VHF/UHF radios (FT2400/2500/7400) why not HF xcvrs ?

5. MORE MEMORY CHANNELS ! Rohde & Schwartz provide 1000 memory channels in some of their commercial receivers (EK870). This would not add to the cost of manufacturing in a significant way.

6. BITE - Built in Test Equipment. Many commercial xcvrs have BITE. If I disconnect module A19 in my Harris RF-590, next time I turn on the receiver, the display shows me that that module has a fault. This used to be very expensive to incorporate into equipment but technology is probably cheap enough to provide this for the equipment we use.

I'd be curious to hear your ideas and hope that the folks in Osaka are listening !

73,
Rich
4X1DA/WB2JBS

"Amateur Radio: The Original Information Highway"
Packet:4X1DA@4X4LI.ISR.MDLE
E-Mail:rharel@fab8.jer.intel.com
VHF: 145.625 (-600Khz, PL 91.5) Jerusalem
UHF: 438.700 (-7.6Mhz PL 91.5) Jerusalem

Disclaimer
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My thoughts, writings, any previous writings, spelling,
opinions and other mental noise are in no way reflective
or related to my employer or any organization that might
appear in an "address header".
I assume complete responsibility for my actions.

2277. Re: Garage door opener rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Les Bartel <lbartel@veribest.com>
Message-ID: <31977D7A.41E3@veribest.com>
Source record: 201227
Cross-posted to: sci.electronics.misc,sci.electronics.repair,sci.electronics.design,rec.radio.amateur.equipment

Mike Morris wrote:
>
> gmayner@access1.digex.net (G. Mayner) writes:
>
> >I am trying to build a simple receiver to control a small solenoid that
> >will operate a door latch. The force on the latch is only a few ounces.
>
> >I would like to use a garage door transmitter to send the signal to the
> >receiver. Does anyone have any suggestions about how to do this?
>
> Go to the nearest sears store and buy a replacement radio kit- they
> come with a receiver and either one or two transmitters.
> The one-transmitter version should cost under $70. Cheaper than
> building anything.

You can buy a remote controlled AC outlet switch for much less than that from most home center (Home Depot, etc) stores. I had one (until it croaked - apparently from a power surge/spike). The xcvr xmitter pair came in at least 3 different frequencies. Press the button, the controlled outlet turns on. Press and hold the button for a couple of seconds and the unit turns off. You may have to design your own one-shot to activate the solenoid, perhaps modifying the receiver circuit so it doesn't latch on.

- les

2278. Re: auto antenna tuner questions for new to hf ham

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4n7vlp$8o7@crash.microserve.net>
Source record: 201228

Gearloos <gearloos@pacbell.net> wrote:

>I have a Yeasu ft-890 with the auto tuner and it is hooked up to a
>vertical fiberglass 11 meter antenna that I cut down and matched to
>10 meters for another radio. I have used the 890 on this antenna with
>good results (I get cw contacts on 40) but I have been told that I
>should not use it with this antenna. Why not if my match is ok (from
>what the radio thinks). the meter on the 890 says 1.2 or so to 1

Issues of efficiency and shack RF aside, there is no reason not
to use the vertical, as long as it can be matched by the tuner.

73,
Jack WB3U

2279. Re: If money were no object

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Miguel Angel Simoes Santiago <radimprensa@mail.telepac.pt>
Message-ID: <31978F18.104FA179@mail.telepac.pt>
Source record: 201229

pdunn wrote:
>
> If money were no object, what would be the best hf tranceiver you could buy.

For expending a great deal of money.. a Kenwood TS-870 or a
Yaesu FT-1000...

> Further assume you would put it on a motor boat and go around the world.
Than maybe a Kenwood TS-50S will be the ideal transceiver, because
it's so great and compact.
> Therefore you would need absolute reliability (no need for service ever - except
In this case maybe an self-built transceiver, will be ideal :)
I had a Ts-120S for 12 years without any problem or service, now
i have a TS-140 because it's similar to the TS120 and it has a
digital general all mode receiver.

Good luck,

Miguel
CT2GDD
radimprensa@mail.telepac.pt

2280. RE: Icom IC-2KL with Kenwood TXRX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4n7vp0$8o7@crash.microserve.net>
Source record: 201230

>I use a Kenwood TS-870 and have been offerred an Icom IC-2KL linear
>amp. Has anyone used this with a late model Kenwood TXRX? Any
problems >with ALC or TXRX switching? The manual seems to infer that
the amp. >will not work without ALC connected ..
>
>Please post replies to damien.vale@airservices.gov.au

There is no reason not to use those two items together. You may need to be slightly more careful regarding level setting at the rig, but AGC won't entirely replace the need to do that anyway. Remember that the majority of homebrew amplifiers (as well as many older commercial designs) do not include AGC.

In my own system, neither the transceiver nor the amplifier has provisions for this. Whenever I feel the need to drive the amplifier harder on SSB, I just turn on compression (processing) in the rig. That raises the average power without overdriving the amplifier.

73,
Jack WB3U

2281. Re: If money were no object

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: teacherjh@aol.com
Message-ID: <4n7vj2$674@newsbf02.news.aol.com>
Source record: 201231

>>
Therefore you would need absolute reliability (no need for service ever - except
what a ham could do herself),
<<
Dunno what the "best" rig would be, but in terms of reliability, as nothing is perfect, the aim is to have the highest probability that, at any given time, you will have a working radio.

Redundancy is the key here. Take three of them along. NASA does this all the time (in fact, they sometimes have five each of critical systems, like Shuttle computers)

If money is no object (and you have room), this is the way to go... and if money IS an object, it is statisticaly better to have several less reliable units, than one reliable unit. Further, with several different radios, you can have several different brands and types, to maximize your options in any case.

Jose KD1SB

2282. Re: IC-Z1A 800Mhz Mod - How To?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Dick McClain <rlmcclain@delcoelect.com>
Message-ID: <4n7v47$ljs@kocrsv08.delcoelect.com>
Source record: 201232

I don't know anything about changing any diodes. I prefer to keep the box closed.

You may want to call ICOM tech support to confirm this.
phone 206-454-7619
They are the source of the following info.

While power is OFF, press and hold buttons marked "B" and "♯".
While holding those buttons, press power ON and continue holding the power ON for 5 seconds.

All segments of the display are lighted during this few seconds.

RESULTS:
1) The VHF now tunes aircraft band
2) When in VHF band, SET MODE function can select 1 MHz digit as well as 100 KHz and 10 KHz digit
3) The UHF now tunes 300 to 999 Mhz. Well, at least the display will scan that range. Who knows if it can actually receive anything. I haven't used it much and have no test equipment to measure sensitivity.

I found the ICOM tech support rep to be very courteous and eager to help. I asked about the aircraft band. Nothing was said about the changes to UHF tuning. I just discovered it by accident while scanning UHF later.

2283. Mods for Uniden HR-2600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: kj7az@coffey.com
Message-ID: <4n7vk8$104@news.tcd.net>
Source record: 201233

Hi,

I'm looking for mods for the HR-2600 by Uniden. This does not seem to
be the same as the 2510 because pins 34 and 36 are not tied together
and the processor unit is a 1251 instead of the 1201 used in the 2510.

Also need the dip switch settings for a 100hz tone.

Please reply by E-Mail

kj7az@coffey.com

Thanks
Tim/KJ7AZ

2284. Need Code Teaching Software for C-64

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: kj7az@coffey.com
Message-ID: <4n7vrn$111@news.tcd.net>
Source record: 201234

A friend of mine is looking for code tutor software for a Commodore 64.

He is also interested in Gordon West tapes 0to5 wpm.

Please E-Mail me.

kj7az@coffey.com

Thanks

KJ7AZ/Tim

2285. Re: Yaesu FT-2500 question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4n80ns$avv@nadine.teleport.com>
Source record: 201235

bmeadows@ccd.harris.com (Bob Meadows) wrote:

>I am looking for information regarding mods for a
>Yaesu FT-2500 radio. I have looked at a number of
>places on the internet with no luck.

>I have found mods for the FT2400 but things have
>changed in the FT2500.

>Thanks
>Bob

Open the top and you will see an obvious green loop of wire about 1/2 inch long. clip it and your transmit will match the receive. I think you have to reset the cpu also. Worked on my 2500, did notice a little more intermod was getting through, like from none to once.

No guarantees have fun.

2286. Mailing lists...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <DrCz90.JnB.0.-s@inmet.camb.inmet.com>
Source record: 201236

all:

are there any mailing lists on the internet for Ham radio
scanners?

David

2287. WTB: Ranger/Neutec/Marathon

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: seeker@pacificrim.net
Message-ID: <4n85jj$o1l@baja.pacificrim.net>
Source record: 201237

Looking for parts, pieces, accessories, chargers, or complete units. These are the Ranger Neutec Marathon Micro HTs. Decent little two channel for emergency use around an incident scene or as inputs to a mobile repeater. Any help or leads on these units and parts appreciated!

JS

2288. Forsale: Gellcell batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: 31W609@Amps-r-us.com
Message-ID: <4n842n$86a@news.inc.net>
Source record: 201238

I have about 2 dozen(24) gel cel batteries. Ranging from 1.2 to 8 amp hour. Some are single 12V cell, others are 2 six's
in series.. Anyone interested in these. They are approx 1 year old. They have been kept in -20F storage as part of a
stand loss test at low temps.
Reply here if interested.
I'll send a complete list to those who post reply with e-mail address..

2289. WTB - Kwood 221/231/241

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4n81ap$hst@hg.oro.net>
Source record: 201239

If you have an operating unmodified Kenwood 221 or 231 or 241 for
sale, please post or email me back.

Thanks.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1/C phone--Cessna 182A N73CQ
rst-engr@oro.net | Commercial/CFI-Airplane/Glider-----A&P Mechanic

2290. Re: Glass mount on "shaded" window

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4n87c3$hhv@news.service.uci.edu>
Source record: 201240
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <31974F69.5048@tor.comm.mot.com>, louisb@tor.comm.mot.com says...

>Hello all,
>Does anybody have any experience with the "patterned" sun shade at the
>top of the rear window of
>GM cars (mine is a 92 Chev Corsica)?
>Thanks
> --Louis

I was told by the manufacturer of the antenna (Larsen) to avoid the patterned area. I used the area where the heater wires are about two inches below the bottom of the pattern and stratled the heater wires with the antenna coil plate horizontal (parallel to the wires). I did this on my Chevy Lumina which I believe is the same style glass as the Corsica and it performed well. After about 1-1/2 years, the glue started to seperate on the outside antenna, so I reglued it using contact cement and it was fine until I returned the vehicle (company car). Be careful to check the mounting regularly and DON'T exceed the power capability.

Brian - N6ZAU

2291. Tm-421A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Ian Cummings <102152.1703@CompuServe.COM>
Message-ID: <4n87oj$3qi$1@mhadg.production.compuserve.com>
Source record: 201241

I have a TM421A kenwood 70CM radio and have been looking for
the mods to allow broader frequency coverage. There are mods
around talking about mods for this radio but they refer to
VHF frequencies and a green jumper (my TM421A is a UHF radio
and has no green jumper).

The manual refers to the TM421E and ES as european versions of
this UHF radio and it covers 435-440. Mine covers 438-440.
I desire to operate my TM421A from 435 to 438.

Kenwood of course will not tell me the mods to broaden coverage
into the 435 region (I suspect it isn't difficult as the E series
radio is covered in my A series manual).

Any help?? Thanks Ian KB1SG

Please email any replies to cummings@neca.com

--
Ian Cummings, KB1SG

2292. Info needed on Vibroplex Kevers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: gwittig@microsys.net
Message-ID: <4n7p0e$188_001@news.ni.net>
Source record: 201242

Is there any info on how to date Vibroplex Morse keyers? I have two I believe
are old both have grey basses one is a paddle type its serial number is 126433
the other is a button type and it says Zephyre on the bottom.
Thanks Greg

2293. Info needed on Vibroplex Kevers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: gwittig@microsys.net
Message-ID: <4n7poa$m8_001@news.ni.net>
Source record: 201243

Is there any info on how to date Vibroplex Morse keyers? I have two I believe
are old both have grey basses one is a paddle type its serial number is 126433
the other is a button type and it says Zephyre on the bottom.
Thanks Greg

2294. Info needed on Vibroplex Keyers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: gwittig@microsys.net
Message-ID: <4n7nfc$1cs_001@news.ni.net>
Source record: 201244

Does anyone know how to date Morse keyers I have three and they all appear to beold. I am at work and only have one here on my desk. They all are about the same this one has a grey base and the serial # is 126433 it is a paddle I assume, it has a box and hookups. The other one is about the same but has a typical button not a paddle. It says Zephyre the speeling may be wrong but it was not Zepher. What is a bug?
Thanks just a tech never used these but they are interesting.
Thanks Greg ke6lpv

2295. Info needed on Vibroplex Keyers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: gwittig@microsys.net
Message-ID: <4n7o6c$mc_001@news.ni.net>
Source record: 201245

Does anyone know how to date Vibroplex Morse keyers. I have two that look old both have grey bases and one is a paddle and one has the button. The one I have here at work has a serial # of 126433 the other says Zephyre on the bottom.
What is a bug? I there a book out on how to adjust them?
Thanks Greg just a lowely tech and have never played code but the keys are well made.

2296. Info needed on Vibroplex Kevers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: gwittig@microsys.net
Message-ID: <4n7pd1$1a8_001@news.microsys.net>
Source record: 201246

Is there any info on how to date Vibroplex Morse keyers? I have two I believe
are old both have grey basses one is a paddle type its serial number is 126433
the other is a button type and it says Zephyre on the bottom.
Thanks Greg

2297. Re: If money were no object

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DrD3Iu.ILB@iglou.com>
Source record: 201247

Glad to hear that money is no object. Get two ICOM IC-706's. They are the
smallest rig available and do virtually everything. Nothing else comes
close for any price. Keep the other one sealed in plastic. If the main rig
breaks down, toss it overboard.

pdunn (admin@hoptechno.com) wrote:

: If money were no object, what would be the best hf tranceiver you could buy.
: Further assume you would put it on a motor boat and go around the world.
: Therefore you would need absolute reliability (no need for service ever - except
: what a ham could do herself), excellent stability and sensitivity.
: Assume that gimmicks and contest helpful trinkets are of no essential
: value.

: Phil

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2298. WTB Yaesu FNB-3A and FNB-4A battery packs for use with Yaesu FT727R Dual Band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Gary Zabriskie <garyzab9@tcd.net>
Message-ID: <3197BEB7.46B5@tcd.net>
Source record: 201248

I am looking for battery packs to use with my dual band HT. Please
e-mail me directly at: garyzab9@tcd.net

Please state the condition and price. I can use either the 3A or the 3
or the 4A or the 4. They were only different in color. The "A"
distinguished the silvery color for the FT109/FT709 series of mono band
HT's. The ones without the "A" were a different color to match the FT103
series of HT's. I don't care as long as they work.

Thanks in Advance!

Gary Zabriskie, N7ARE
in sunny St. George, Utah

2299. Re: Future HF xcvrs: Are any of you Radio Manufacturers Reading this ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4n85sp$gv4@nnrp1.news.primenet.com>
Source record: 201249

"Richard B. Harel" <rharel@fab8.jer.intel.com> wrote:

>Here is a list of features I'd love to see the 'Big 3' Japanese
>manufacturers of AR equipment incorporate into their future
>HF xcvrs. Many commercial manufacturers have already incorporated
>many of these features.
>1. Sylabic Squelch. - If anyone has ever used this feature, there's no
> going back ! This type of squelch opens upon detection of voice
> characteristics. JPS makes a plug in module with this feature
> that is sold to many commercial OEM's. Some include a 'gaurd tone'
> similar to a PL that reduces false squelch tripping.
>2. Wide band digital receiver. - Imagine if every 10 minutes (if you
> so desired) your xcvr would transmit a digital packet containing
> your callsign, frequency and present time. Providing that everyone
> used the same protocol and the idea caught on, a wide band receiver
> built into your xcvr would constantly monitor the band and collect a
> list of 'who's on' and where. Interfaced to a PC, you'd be able to
> keep your xcvr on for a while and scan for several years until that
> rare station you've always been looking for from Yemen came on.
> Yes, a DX packet cluster does very much the same thing, but not
> everyone has access to them and input is not in real time.
>3. ALE. - Automatic Linking. Many commercial xcvrs now use an ALE
> protocol to link 2 xcvrs on the most suitable freq. with the highest
> S/N ratio. True, we are much more limited in freq allocation, but it
> would still be neat to set up my xcvr with the same protocol with
> my friend's xcvr in London that would automatically determine that
> from the preset memories that we both have set up in our xcvrs on
> 14,18,21,24,+28Mhz, at this time 28.450 (i.e.) is providing the best
> S/N ratio. It checks other memories from time to time to see
> when this changes.
>4. Alpha-numeric memories display. - With 99 memories in my FT-990,
> I have to remember what each one is or write it down somewhere !
> Yaesu has done this for their VHF/UHF radios (FT2400/2500/7400)
> why not HF xcvrs ?
>5. MORE MEMORY CHANNELS ! Rohde & Schwartz provide 1000 memory
> channels in some of their commercial receivers (EK870). This
> would not add to the cost of manufacturing in a significant way.
>6. BITE - Built in Test Equipment. Many commercial xcvrs have BITE.
> If I disconnect module A19 in my Harris RF-590, next time I turn
> on the receiver, the display shows me that that module has a fault.
> This used to be very expensive to incorporate into equipment but
> technology is probably cheap enough to provide this for the equipment
> we use.

>I'd be curious to hear your ideas and hope that the folks in
>Osaka are listening !
>73,
>Rich
>4X1DA/WB2JBS
>

>---
> "Amateur Radio: The Original Information Highway"
>Packet:4X1DA@4X4LI.ISR.MDLE
>E-Mail:rharel@fab8.jer.intel.com
>VHF: 145.625 (-600Khz, PL 91.5) Jerusalem
>UHF: 438.700 (-7.6Mhz PL 91.5) Jerusalem

>Disclaimer
>=================
>My thoughts, writings, any previous writings, spelling,
>opinions and other mental noise are in no way reflective
>or related to my employer or any organization that might
>appear in an "address header".
>I assume complete responsibility for my actions.

How about AM sync detection for General coverage reception. A lot of
the SW rigs have it, why not AR gear?

2300. MFJ Multicom Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: "Gerald K. Shaffner Sr." <jerry@epix.net>
Message-ID: <3197ECC1.63A3@epix.net>
Source record: 201250

Has anyone had any trouble using Multicom Ver. 3.1 with Windows 95 installed.

I use the Dos prompt and when Multicom comes up, it locks up in the first setup screen. The keyboard locks.

I get the same thing if I reboot to Dos.

The only way it will work is if i use a boot disk.

Anyone have any answers.

Thank You

Jerry WA3HFR

2301. Alinco DR-150T - Thoughts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: bstevens@moran.Mines.EDU
Message-ID: <4n8g1s$j0g@magma.Mines.EDU>
Source record: 201251

I'm thinking of putting a 2M mobile radio in my
'84 Suburban. I like the looks of Icoms and
Alincos. I've heard that the Icoms are somewhat
succeptable to interference (pagers, cell, etc).
Any thoughts on the Alincos?

B
(AB5IC)

2302. Pocket Morse Code Trainer - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Jim Wagner <jimw@nando.net>
Message-ID: <3197D0B9.29B5@nando.net>
Source record: 201252

Has anyone tried the Pocket Morse Code Trainer as advertised on page 172 of the May QST?

It looks like a pretty good way to carry around code in your ear for building speed, but I haven't actually heard from anyone who has tried this device.

73 de Jim, N4SVZ

2303. Ten-Tec Omni-D Modification

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: elliott@iglou.com
Message-ID: <DrDAnB.4u1@iglou.com>
Source record: 201253

I was wondering where I could find the 9.00 & 10.00 Mhz mods for the Ten-Tec Omni D Model 546D Series B radio's? I tried Ten-Tec's home page but no mods are mentioned. I received this radio from an estate sale and the mod is mentioned in the manual but not explained. Any other interesting/helpfull mods for this rig? Thanks,

Bob Elliott N8LAJ

==========
elliott@iglou.com NRA/ILA
Information is the currency of the future,
stock up on it, but don't horde it.
==========

2304. MFJ 90xx CW transceivers - opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Jim Wagner <jimw@nando.net>
Message-ID: <3197D1AA.2465@nando.net>
Source record: 201254

MFJ makes a series of CW QRP transceivers, the 90xx (where xx=band,
e.g. 9040 for the 40m version).

I'm thinking about the 9040 or maybe the 9030 and would be
interested in how anyone who owns any of these rigs feels
about them, both good and bad.

73 de Jim, N4SVZ

2305. Heath RF Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Chuck Curran <ccurran@execpc.com>
Message-ID: <3197E1C9.7601@execpc.com>
Source record: 201255

I need help in obtaining a photocopy or source for an original manual,
for a Heathkit Model RF-1 RF Signal Generator. If anyone can help I
would appreciate it. Thanks in advance. Please e-mail

Chuck WA9POU

2306. Re: Alinco DR-150T - Thoughts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <3197F4CE.213A@southwind.net>
Source record: 201256

Brian D. Stevens wrote:
>
> I'm thinking of putting a 2M mobile radio in my
> '84 Suburban. I like the looks of Icoms and
> Alincos. I've heard that the Icoms are somewhat
> succeptable to interference (pagers, cell, etc).
> Any thoughts on the Alincos?
>
> B
> (AB5IC)

If your concern is intermod, get the alinco (experience).

73 De KG0WX
--

Ken Bessler
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

2307. Re: Garage door opener rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: gmayner@access2.digex.net
Message-ID: <4n90c0$ib8@access2.digex.net>
Source record: 201257
Cross-posted to: sci.electronics.misc,sci.electronics.repair,sci.electronics.design,rec.radio.amateur.equipment

In article <1996May13.024444.21049@grian.cps.altadena.ca.us>,
Mike Morris <morris@grian.cps.altadena.ca.us> wrote:
>gmayner@access1.digex.net (G. Mayner) writes:
>
>>I am trying to build a simple receiver to control a small solenoid that
>>will operate a door latch. The force on the latch is only a few ounces.
>
>>I would like to use a garage door transmitter to send the signal to the
>>receiver. Does anyone have any suggestions about how to do this?
>

<snip>
>
>Go to the nearest sears store and buy a replacement radio kit- they
>come with a receiver and either one or two transmitters.
>The one-transmitter version should cost under $70. Cheaper than
>building anything.
>
>--
>Mike Morris morris@grian.cps.altadena.ca.us
>#include <disclaimer.std.h> I have others, but this works the best.
> Looking for CDA-banned material? Try the bible: Genesis 19:30-38,
> or Ezeikel 23:20.

Thanks!!!

2308. Re: FT-8500 Mods available???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: gottria@earthlink.net
Message-ID: <319807CA.4A94@earthlink.net>
Source record: 201258

If Chip wrote:
>
>
>
> A friend has 2 of these radios and was wondering if there are any
> mods available for em.
>
> Thanks

First remove the face plate, and under the panel on the radio is a small green wire. Cut it and isulate with tape. Thats not the best description,I know but thats the best that I can remember.

--

Greg Ottria, KE6PTP
San Leandro, California
E-Mail: gottria@earthlink.net

2309. Re: Fw: More facts on (Best Dual-Band Handheld)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: ckollai@cybergate.net
Message-ID: <4n60f5$kin@galaxy.cybergate.net>
Source record: 201259

lpvwwwtp@cencom.net wrote:

>Hi,
> I called Radio City (which was the only ham outlet open after 6:00pm) and I
>got hold of a intelligent sounding operator who I squeezed acouple of facts
>out of.

I'm looking for my first Ham rig, and I wanted to know:

A) What is Radio City's phone number

-and-

B) By any chance, do they have a preferably free catalog I can get?

Thanks,

-Craig D. Kollai E-mail: Craig@Kollai.com
Visit my web page at::
http://www.cybergate.com/~ckollai/homepg1.htm

2310. mods for Icom IC 2340 H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: nelli@lemax.it
Message-ID: <319741d6.24473234@venere.inet.it>
Source record: 201260

I'm serching for mods for my radio Icom IC 2340H can anyone help me ??

Thanks...
bye

Marco.

2311. Ba1404 fm-stereo transmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Victor.Vanderberg@275-17.woodybbs.com
Message-ID: <706_9605140926@woodybbs.com>
Source record: 201261

-=> Quoting D to All <=-

D> I now have 1000 BA1404 chips to sell if anyone is interested.
D> I also have 100 crystals and varialbe inductors for the FCC approved
D> design. If you or anyone you know would be interested please let me
D> know. I will also give schematics if desired.
D>
D> dc@interaccess.com
D> Doug

Hello Doug,
I have been interested in building a Stereo FM Transmitter for
some time now. I bought two Kit's (Though they were not stereo)
and did not have a lot of luck with them. My goal is a
transmitter that can cover a range of about 3-5 miles, in stereo
would be great, and stay on frequency. My major problems with
the kits is that it jumped around alot not to mention it was
hard to tune on a particular frequency. I don't know too much
about the subject but would like to try to build one. Do you
have any more info such as the details on it after its
built.(Not too technical) Power Output, Gain controls, Etc., and
the cost of the complete package with the schematic. Thanks in
advance for reading. Looking forward to your reply.
Victor Vanderberg
KE4HGN

... Backup not found: (A)bort (R)etry (S)lap nearest innocent bystander.

___ Blue Wave/QWK v2.20 [NR]

--- DB 1.58/004376
Origin: AR-Net: (804) 471-0736 (73:200/0)
--
|Fidonet: Victor Vanderberg 1:275/17
|Internet: Victor.Vanderberg@275-17.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2312. Drake 2-C Receiver For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: mjm@shore.net
Message-ID: <4n5vhp$e8m@shore.shore.net>
Source record: 201299

Drake 2-C Receiver with manual. Best offer.

2313. Re: Garage door opener rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <949.6706T1326T979@nycmetro.com>
Source record: 201300
Cross-posted to: sci.electronics.design,rec.radio.amateur.equipment

>I am trying to build a simple receiver to control a small solenoid that
>will operate a door latch. The force on the latch is only a few ounces.

>I would like to use a garage door transmitter to send the signal to the
>receiver. Does anyone have any suggestions about how to do this?

>I am *not* an electronics expert but I do have a basic understanding. If
>I can find someone who sells basic kits for receivers I think I can make
>this work.

>If you have any ideas about where I should start please send me an e-mail.

>Thanks!

Radio Shack sells a Transmiter and Receiver combo for about $10 or so
2 circuit boards.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2314. Re: HTX-202 Leaking Oil!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <1596.6706T1321T2981@nycmetro.com>
Source record: 201301

>Well actually its contact cleaner and its not really leaking from the HT.
>My HTX-202 periodically loses the ability to switch to the "high power
>out" mode. With the help of members of this group, I was able to
>determine that the problem is caused by bad contacts in the hi-lo power
>switch. I went in, applied a few drops of contact cleaner and the problem
>was fixed... for a while. Now I find this radio is hooked on contact
>cleaner! I have to go in and give it a squirt every few weeks! It also
>seems that if I transmit for a while in the low power mode, the loss of
>the high power option soon sets in.

>I'm not adept at microsurgery so I don't really want to start looking for
>a new switch. Any ideas on an easy way to fix this thing? I'm running
>out of contact cleaner! I don't mind running QRP, I just don't want to
>be forced into it!

>BTW anyone have a set of the kind of screws used to fasten the HTX-202
>back plate to the rig?

>73 and TIA Bill N2CQR/HI8

You can order them at any Radio Shack for $1.99. I just got a set myself.
The Part # is HW1901120 They even delivered to my house tho they DID charge me
$1 for shipping on the tiny bag of screws. But I figure that the $1 is worth it
compared to me having to go to RS myself to pickem up.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2315. funny behavior of ft990

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Vbendeb@cris.com
Message-ID: <4n6bef$hp6@tribune.concentric.net>
Source record: 201302

Hi guys,

all of the sudden my FT990 started to switch
modes on it's own. Say I'm listening CW on 20 meters,
the rig would sporadically switch itself into FM.
Sometimes this persists and hapens pretty often, say
once a couple of minutes, sometimes it works OK for
hours.

It'd be a great hassle to send it to Yeasu for warranty
service. I wonder if anyone have experienced anything like
these "sporadic switches" or have gone through the Yeasu
warranty service circles.

Any tips would be highly appreciated,
hope to meet you on CW or SSB 20 m. as opposed to FM,

Vadim Bendebury, VE3KKI

2316. Re: Garage door opener rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1996May13.024444.21049@grian.cps.altadena.ca.us>
Source record: 201303
Cross-posted to: sci.electronics.misc,sci.electronics.repair,sci.electronics.design,rec.radio.amateur.equipment

gmayner@access1.digex.net (G. Mayner) writes:

>I am trying to build a simple receiver to control a small solenoid that
>will operate a door latch. The force on the latch is only a few ounces.

>I would like to use a garage door transmitter to send the signal to the
>receiver. Does anyone have any suggestions about how to do this?

>I am *not* an electronics expert but I do have a basic understanding. If
>I can find someone who sells basic kits for receivers I think I can make
>this work.

>If you have any ideas about where I should start please send me an e-mail.

Go to the nearest sears store and buy a replacement radio kit- they
come with a receiver and either one or two transmitters.
The one-transmitter version should cost under $70. Cheaper than
building anything.

--
Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
Looking for CDA-banned material? Try the bible: Genesis 19:30-38,
or Ezeikel 23:20.

2317. Re: IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1996May13.023006.20619@grian.cps.altadena.ca.us>
Source record: 201304

rpeebles@ix.netcom.com(Rob Peebles) writes:

(discussion of a 2nd harmonic of a radios local oscillator deleted)

>If this small amount of radiation is outside the part 15
>specifications, then I have to wonder about some of the FM broadcast
>radios. I listen quite a bit to a semi local on 107.1 and the carrier
>generated by the local oscillator of a radio several cars away tuned to
>the local on 96.3 will trash my reception.

Or how about a L.O. of a fm broadcast radio two lanes over trashing
a 440 channel! The radio had enough oscillator "pull" so that
the modulation leaked back to the LO via the power supply that
I could hear the modulation well enough to ID the station
(100-101.something +10.7)*4.....
The other car (a Toyota Tercel) and I were caught in highway
traffic and paralell for about 15 minutes.

--
Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
Looking for CDA-banned material? Try the bible: Genesis 19:30-38,
or Ezeikel 23:20.

2318. WTB: 941 rf deck cover, manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: lsm@tir.com
Message-ID: <4n6e54$ki0@ramp2.tir.com>
Source record: 201305

Hello and thanks for reading this!

I recently remoted my 941 from the house; now I need the rf deck cover
and a copy of the manual; so many functions I forgot or never knew!

THANKS in advance and 73

Ron

2319. Re: Wanted: First rig advice for Technician License

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4n6ege$6q2@news1.slip.net>
Source record: 201306

Boy! You are asking for alot. My advise; settle for a 2 meter mobile rig that you can use on low power with your (weak) power supply. No more that 5 or 10 watts using your 2.5 amp DC supply. (If people tell you that there is a hum on your signal it is coming from your possibly not well filtered power supply.) With this choice you can pick from a new or used rig. You can then take it to your vehicle and have a good time. (And run full power--25 to 45 watts) Be sure to run power directly from the battery terminals (fused) and you will eliminate alot of hum and whine. Do not ground the rig in the passenger compartment...keep the DC and antenna cables away from any car electronics...use a 5/8 whip. More advise will be available from the folks you contact on air. At the home you can use a modest or elaborate 2 meter antenna . Use RG8 cable and keep the run short. Once you are talking to the Hams in your area you will find all the options open to you. The limits are always time, money and space. Read the magazines. Try building kits. Try QRP cw on 40 meters.. (I'm afraid most new hams are appliance operators...try new things and get your soldering iron hot..read QST and BUILD something!!!) Have fun and there is alot of time and there will always be new rigs...try not to fall victim to the ads which after a few years will be less seductive and more informative to you.. Anything else? Oh yeah, the radios are for fun.. The less you spend on each one the more different ones you can buy.. The 781 !! I can't imagine being able to use all those knobs and switches and still have time to send CW or to talk to anybody...I would rather have a Scout (550 bucks and lots of cash left over for QRP kits, antennas, tuners, tools, meters, etc.) Give yourself time to decide what you want, but you will want 2 meters in your car so if you start on 2 meters (not the best band by any means, but one most hams have a rig on -- I have 4 or 5 two meter rigs...) It is not always the most polite band but you will find out...The antennas are easy to deal with and you can always sell a two meter rig if you tire of it... Then get on the low bands...then get your general and you will be REALLY licensed,,,,Enough for now, you asked for an opinion...you got mine...
Ron KB6GK

(I got this license in 1978...had to go to the FCC office to take the test,,,,walked in with no license and left with an advanced ticket...Never felt so good as I did that day.)

2320. Need Help!!!About Standard C528!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: netsvic@ipoline.com
Message-ID: <4n6eek$11qk@ipo.ipoline.com>
Source record: 201307

Hi! Does anyone know the modification of specification of standard
C528?? And Can It receive Air Band?? Thank you!!

2321. Re: Yaesu Ft 767 GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: "Rich Florio 71612", 1776@compuserve.com
Message-ID: <4n6gg0$nd5$1@mhadg.production.compuserve.com>
Source record: 201308

Speak for yourself.....i just sold the 440 FM Module from My 767
Last month for 180$!

KB2TMA

--
"All that we see or seem...is but a dream within a dream"
E.A Poe

2322. FT-1000MP Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Bootlegger@msn.com
Message-ID: <00001fed+000032ab@msn.com>
Source record: 201309

I have a FT-1000MP and I would like to know if anyone can tell me
what the extra menu functions are.

9-0 ??
9-1 ??
9-2 ??
9-5 ??
9-6 ??
9-7 ??
9-8 ??
9-9 ??

If anyone has a service manual or if farmiliar with these fuctions,
please drop me a note. Thanks!!

73 de N9MSS Bob
Bootlegger@msn.com

2323. Re: HTX-202 Leaking Oil!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: Bill Meara <w.meara@codetel.net.do>
Message-ID: <4n7213$c69@server2.codetel.net.do>
Source record: 201310

Thanks Matt! You may be right, but given the way the radio has reacted
to the contact cleaner, I strongly suspect it is the switch.

73 Bill

2324. Re: Mod ft-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: jimdorr@ici.net
Message-ID: <4n6d23$t5@crusher.ici.net>
Source record: 201311

TJM <74032.172@compuserve.com> wrote:

>> By the way, if anyone figures out what the object of the game is, let the
>> rest of us know!
>> 73
>> Ernie
>> N2OJQ

>Ernie,
>The object of the game is to guess the other number so the total is ten!
>exp; the radio pick a secret number (say it's 3) you have to pick the
>other number (7)((process of elimination)) as to get a total of 10...The
>radio keeps track of your success and displays score after 10x

>Tom

Ok I understand the concept of the game, but how do you enter your
choice of number. I find that entering numbers through the keypad
has no effect on the random display.

73, -Jim-

2325. Want to Buy Yaesu FNB-4A and FNB3-A Battery Packs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: garyzab9@tcd.NET
Message-ID: <199605131824.MAA00338@main.tcd.net>
Source record: 201362

I am looking for battery packs to use with my Yaesu FT727R Dual Band HT. Please resond via my e-mail address: garyzab9@tcd.net with the condition, price, etc. if you have any of these. Am also looking for additional alkaline cell packs for this radio. These are the same battery packs that fit the FT103 FT109 FT709 series of radios. The FNB-3 and FNB-4 would also be okay. Only difference was the color of the plastic.

Thanks in Advance!!

Gary, N7ARE

2326. WTB Kenwood IF-10C for Kenwood TS140S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: garyzab9@tcd.NET
Message-ID: <199605132032.OAA06128@main.tcd.net>
Source record: 201363

I am desperately looking for a Kenwood IF-10C for use with my Kenwood Ts-140S. I would like to use computer control of functions in the radio.

A gentlemen in Canada was going to send one to me to look at but I have not heard back from him. I wish Kenwood would produce a final run of these devices. I think I read elsewhere on this newgroup that there isn't anything fancy to what is needed, just a couple of chips? Is there a specific circuit board that goes in the radio, or just the chips? Does someone have the manual &/or schematic for the IF-10C that would be willing to send or fax me a copy? Please reply directly to me via my e-mail address which is: garyzab9@tcd.net

2327. HTX-202 Low Ouput Power

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: wb5rue@amsat.ORG
Message-ID: <01I4NKIIXIFQ0039FP@ARWEN.UTHSCSA.EDU>
Source record: 201364

```
- I have 2 HTX-202 HT's, one of which has developed the following
-problem. When I transmit at hi power with T-squelch turned on, the
-power indicationg lcd bars only indicate about 1/3 to 1/4 full power.
-If I turn off T-squelch, I get a full power indication. The next part
-is the screwy one; if I place an inline power/SWR meter on the rig, I
-then get full power output whether T-squelch is on or off! This
-doesn't make any sense to me (if the output stayed low, I would think
-maybe something was wrong with the tone generator).
-
- I reset the rig, and this made no difference.
-
- Anyone with any ideas? Tnx in advance. 73
-
-
- Steve N2QLQ
```

Well Steve,
Some of the HTX-202 (most of the first ones) had a severe problem
with sensitivity to RF getting back into the rig. This happened
mostly when used with the external microphone. Also, many were
hyper-sensitive to high SWR so they would drop the power to protect
the final transistor from excessive voltage. Your ducky might
be broken internally. I don't know what the T-squelch has to do
with it, that really is strange.

Kevin, WB5RUE
wb5rue@amsat.org

2328. Re: Ham-Equip Digest V96 #366

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-13 00:00:00 UTC
From: cesar@iq.ufrj.BR
Message-ID: <199605132146.VAA13506@server.iq.ufrj.br>
Source record: 201365

Dear Sir,

I've tryed to access the ftp server at ucsd.edu to obtain some old ham-equip
files. There is something wrong ?
I am only able to get garbage from the files.
73's from
Cesar
Py1BY
cesar@iq.ufrj.br

2329. Help to buy a Mac in the USA ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: fbonnet@zen.dedal.fr.net
Message-ID: <y0JmxoalkdwE087yn@zen.dedal.fr.net>
Source record: 201162

Sorry to post this article in the amateur newsgroup but it's
the only way for me to find a reliable OM. !!!

I'm planning to buy a Apple powerbook 5300 greyscale in
the USA for less than $1100, because in France, it costs
more than $2500...

I'm searching for comments about 'Macsale' in California...
Because I don't want to loose $1000 in one second !

Moreover, would any american Om accept to receive the
powerbook, to verify the computer for me, and resend it to
France via UPS or something like that ?
Everything will be paid before.

My call is F1ITT and you can contact me via Email
at
fbonnet@zen.dedal.fr.net

PS: if you know a reliable adress for buying a mac, please
inform me quickly (because 5300 greyscale is going to be
out)

PS2: I'm searching for the tel and fax number of J&R music world
in New York ?

Sorry for my poor english, If you can help me and if you speak
french, it will be fantastic ;-)

73 de Francois. [fbonnet@zen.dedal.fr.net]

Francois Bonnet F1ITT (@F8KLY.FRHA.FRA.EU)
Lyon / St Etienne
FRANCE

2330. Re: FT50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <546.6708T1051T2642@nycmetro.com>
Source record: 201163

>In article <4n9fcj$61u@dfw-ixnews10.ix.netcom.com>, string@ix.netcom.co
>says...
>>
>>Anyone have any information on the FT-50?
>>

>What do you want to know?

Hows the Audio on the FT-50 in extended receive frequencies?

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2331. Re: YAESU AT-180 Tuner (for IC-706)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4nas50$rc3@safety.ics.uci.edu>
Source record: 201164

In <4n96g8$oet@crash.microserve.net> jackl@pinetree.microserve.com (WB3U) writes:

>>Ten-Tec gear you can transmit into any swr and get all your power out.

>I think you're mistaken. The output impedance of solid state rigs is
>fixed. Change the load impedance and the amount of power delivered to
...

Well taken. The Ten Tec cannot (of course!) put out full power into
any load. They make an advertising claim that more power goes into
the antenna with higher SWR than the radios with SWR foldback
protection. I have never investigated the truth of this claim, though
it seems plausible. Ten Tec does not use SWR to foldback the power, they
check the current draw and shut down the power supply if it goes too
high.

Clark
WA3JPG

2332. Re: Tone burst on HTX-212 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: gsnow@pacifier.com
Message-ID: <gsnow-1405961452060001@mac1.pacifier.com>
Source record: 201165

In article <4mh906$jg8@newsbf02.news.aol.com>, teacherjh@aol.com
(Teacherjh) wrote:

> What is such a burst used for?

European repeaters.....

Gary
---
gsnow@pacifier.com <----------()====-----> http://www.pacifier.com/~gsnow/
Vancouver, WA's On-Ramp to the Information SuperHighway (360) 693-0325
telnet to "pods.pacifier.com" (press return 2x) or dial the above to register

2333. Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: mouer@mail.ameritel.net
Message-ID: <5e7cc$11271c.2ce@NEWS>
Source record: 201166
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I have a few questions about the Kulglass Antennas (Larsen) sold by Ham Radio Outlet. I am specifically interested in either the KG144PL (2m), or theKG2/70PL (2m/70cm).

1. Are glass mount antennas any good? I am using an HTX-202.
2. Does anyone have any experience with these two antennas?
3. Is the SWR a problem with this type of antenna?
4. Do these things really stay glued onto the glass at 'highway speeds'?
5. The window I would place it on has some tint ('94 Toyota truck w/ extend cab), would this be a problem?

Any other info is appreciated.
Thanks.

-Dan (N3XJN).

2334. Re: Fw: More facts on (Best Dual-Band Handheld)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDrEzKp.M0q@netcom.com>
Source record: 201167

<lpvwwwtp@cencom.net> wrote:
> I then found
>that the FT-51R, Yaesu's competiton cost the same, but lacks cross-band
>repeating capabilities, and the easy-to-read dot-matrix display.

Well, don't believe everything you hear. The FT-51R _does_ have
cross-band repeat, and an easy-to-read alphanumeric LCD (although not
dot-matrix.)

> The FT-51R did, however, have a spectroscope which I guess gives you a
> graphic read-out of full band activity.

Make sure you know what what the "spectroscope" feature does before you
base any decision on it. You may not like it.

2335. Motorola Max Trac 800 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: kdisk@hooked.net
Message-ID: <4nahva$9gs_001@ppp.hooked.net>
Source record: 201168

Hi, I was given several Motorola Commercial radios with the modle # Max Trac 800. What frequencys do these radios cover? Can they be programmed to operate on the Ham bands (2m or 70cm) and lastly, what are they worth, assuming they work. They appear to need programing to work> Thanks and 73. KD6ISK

2336. RE: Icom T22A HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Jonathan Kohn <leajen@paonline.com>
Message-ID: <319950D1.695@paonline.com>
Source record: 201169

Any opinions on the Icom, IC-T22A ht would be appreciated.
Reply here or at: leajen@paonline.com
Thanks 73 JON, N3AJB

2337. 1969 RCA Radio/Phono

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Chuck Curran <ccurran@execpc.com>
Message-ID: <31993710.3295@execpc.com>
Source record: 201170
Cross-posted to: sci.electronics.repair,sci.electronics.equipment,rec.radio.amateur.equipment,rec.antiques.radio+phono

We are trying to repair a RCA Model VMT 68S stereo set, I guess
just to see if we can. It has an AM-FM chassis #RC 1238A and Preamp
chassis #RS-239.
The problem is the available schematics we've found show some
undocumented sections, which are those late sixty's style "thich film"
integrated circuits based on a ceramic substrate, sorta like what Sprague
made for years. What I hope to get a lead on are the following parts:

Z604 P/N 130315 (1410514-1) AF Amp

Z605 P/N 130334 (1410503-1) AF Amp

Z601 P/N 130313 (1410504-1) AF Amp

Z401 P/N 127982 (1462869-501) AF Amp

If anyone might be able to suggest a source for the circuits
inside these modules, it would really help. RCA indicated they no longer
support this type of equipment or have any information. A Sam's
Photofact for this unit is dated September of 1970 so it was probably
built in about 1969. Sam's just has the little old squares with the
leads going inand out but no details on the module itself. Thanks in
advance if you have any idea where to get a schematic of the insides of
these!

Chuck WA9POU

2338. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: magus@netvoyage.net
Message-ID: <magus-1405961847250001@ascend1-p48.netvoyage.net>
Source record: 201171

In article <kucharskDqsrEK.5rz@netcom.com>, kucharsk@netcom.com (William Kucharski) wrote:

> While reading article <bpaul-2904961429370001@wpaul-mac.qualcomm.com>, I noticed
> that bpaul@qualcomm.com (Bill Paul) said the following:
> >I bought mine at HRO and the salesman said the whip was pretuned, so I
> >don't have to cut it or anything. Howexer, after checking it out, the SWR
> >was around 2.5:1 and the lowest point SWR (1.1:1) was happening around
> >133MHz. I started cutting down the whip, and by the time I was done, I got
> >the SWR @ 146MHz down to 1.1:1 . So either A) the salesman didn't know
> >what he was talking about B) Larsen tunes thier whips lousy, or C) the
> >salesman handed me the wrong whip.
>
> I have Larsen 2m and 2/70 antennas (both NMO and a 2/70 glass mount) and love
> them. HOWEVER...
>
> The salesman was mistaken; only their dual band antennas are "precut"; all their
> single band antennas come with a chart that shows what length the antenna
> "should" be cut to, though I'd trust an SWR meter as the final arbiter.
>
> Now if you want strange, I have three Larsen 2/70 antennas, two of the
> "cellular coil" type and one with the enclosed coil. The enclosed coil was the
> only antenna that was fine out of the box. Both of the "cell" type dual band
> antennas were precut too short! However, Larsen sent me longer versions of
> both that I cut to size free of charge. Great folks at Larsen. (BTW, they
> both ended up about 1/4" to 1/2" longer than the pre-cut antennas...)
> --
> | William Kucharski | Opinions expressed herein
> | Internet: kucharsk@netcom.com | are MINE alone, NOT those of
> | Ham: N0OKQ | of NETCOM.
> | President, "Just the Ten of Us" Fan Club | "Dittos from Louisville, CO"

Just Buy The $17.00 magmount 2m 70cm from MFJ It will be more than enough for your needs and a whole bunch less expensive too.
james

2339. Re: Heath RF Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <31995B36.21C1@worldnet.att.net>
Source record: 201172

Try the following URL. I think he carries a number of manuals for old equipment.

http://www.sarrio.com

73, Bob K4LXA

2340. help on OLD mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: dstiles@inetgate.UShmm.ORG
Message-ID: <9604148320.AA832097611@inetgate.ushmm.org>
Source record: 201173

I have recently acquired for the school where I
run the Ham Club and classes some old equipment.

The gear is a Heath SB303 and SB401.

Seems to me I remember the ARRL has published
"Hints & Kinks" for quite a while.

Does anyone have an old (20+ years) copy that you
can look and see if there are any mods for these.

Thanks, Dan KB1BG

2341. Re: Ham-Equip Digest V96 #366

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.SOL.3.93.960513210648.6983D-100000@spork.callamer.com>
Source record: 201174

Regarding the FT890 antenna tuner making a good match on any frequency, I would think that if the antenna tuner can make a 1.2:1 VSWR the radio and you should be happy. I have taken my FT890 aboard ship where there have been some awful antennas to match and always been sucessful! Be sure to use minimum power when excersizing the tuner as it is possible to burn capacitors in the internal tuner. 73 Cliff Buttschardt W6HDO

2342. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Dennis Mobey KT4FI <dmobley@encore.com>
Message-ID: <3197DBDE.3B1E@encore.com>
Source record: 201366
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Marcus wrote:
>
> In article <831505842snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk
> says...
> >
> >
> >I know this one was discussed thoroughly before, but I had less interest at
> >that time and so I wasn't taking notes. Could I hear any views on the
> >comparative advantages of the AEA and MFJ analysers in terms of accuracy,
> >versatility and features. I am interested in both MF/HF and VHF, but I am
> >willing to consider separate units for the different band ranges.
> >
> >TIA.
> >--
> > Tony - G3SKR / AA2PM email: tgold@panix.com
> > tgold@microvst.demon.co.uk
> > packet: g3skr@n0ary.#nocal.ca.usa.na
>
> I have had the MFJ 259, really a cool piece of gear, but it DIED after 1 week
> of service, MFJ's fixing it, but they are so DAMNED SLOW, really a MICKY MOUSE
> outfit of a company, but a truly awesome little product - when it worked.
>
> Marc
> KB7YJJ

I also have a MFJ 259 and it too died in the 1st month.
Called MFJ and they turned the unit around in 1 week.
My 259 has worked well and it has been "awesome" :-)

73 de Dennis Mobley KT4FI

2343. kxn1019 channel element

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: dalex@whidbey.net
Message-ID: <4n8ove$bg9@news.whidbey.com>
Source record: 201367

i am in need of a kxn1019 channel element. anyone help?

tnx dave kg7zq

2344. FT 901 DM Mod ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: yamaha@northnet.org
Message-ID: <4n8puq$3sc@zappa.northnet.org>
Source record: 201368

Does anyone remember how to put this rig on 11 meters ?
(It will be used legally ... honest!!)
Thanks !! 73 , N3NDQ Jim

2345. Re: YAESU AT-180 Tuner (for IC-706)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Robert Selman <wega.ppp@pop.loop.com>
Message-ID: <4n8t91$8kr@joni.loop.net>
Source record: 201369

All these Japanese Automatic antenna tuners are nothing more then a Transmitter matcher... They do not match antennas. All those who buy them thinking they are buying an antenna matcher, but all they are getting is a device to improve a poor transmitter.

Ten-Tec gear you can transmit into any swr and get all your power out.

Don't get sucked in.

WE6A

2346. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4n8u3p$13j6@mule2.mindspring.com>
Source record: 201370

> She said that due to the size of the radio, they
>were only able to fit a 30-35KHz filter, instead of a 75KHz filter, for
>Wide FM mode.

I have heard the same story. There's one thing I do not understand.
Why is a 75 KHz filter necessarily bigger than a 30-35 KHz filter? I
like the FT-50, but I'm not sure I buy this explanation about the
filter. Don (KE4KYO)

2347. Re: Future HF xcvrs: Are any of you Radio Manufacturers Reading this ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: rogerjb@earthlink.net
Message-ID: <4n8v92$q0l@argentina.it.earthlink.net>
Source record: 201371

In <4n7dg2$ms0@ilx018.iil.intel.com>, "Richard B. Harel" <rharel@fab8.jer.intel.com>
writes:
>Here is a list of features I'd love to see the 'Big 3' Japanese
>manufacturers of AR equipment incorporate into their future
>HF xcvrs. Many commercial manufacturers have already incorporated
>many of these features.
SNIP!
>
>I'd be curious to hear your ideas and hope that the folks in
>Osaka are listening !

And the Ten Tech folks in Tennessee, too.

My own wish list is completely different:

1) A GOOD computerized interface using the PC.
A Windows-style GUI interface that is customizable via drag-and-drop. (The
KW 870 has made strides in this direction.)

2) Upgradeable BIOS features via flash-rom, so that every time a new
feature comes out you don't need new hardware. For example, many features
of the Kenwood TS850 could have been made digital, and thus,
flash-rom upgradeable.

3) Digital oscilliscope, with the output via the PC interface.

4) DSP in the IF for receive and XMIT (natch).

5) Built-in TNC similar to the DSP 232.

Roger J. Buffington
AB6WR
USC Law School Class of '97

rogerjb@earthlink.net

"I want to die peacefully, in my sleep, like my grandfather.
Not screaming, and in terror, like his passengers."

2348. Re: Pocket Morse Code Trainer - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4n907q$c5f@news1.slip.net>
Source record: 201372

QST ran a review of several of these a few issues back. I forget which one and I don't have the time to look for it now. (Seems I spent alot of time looking for articles already) Sorry if I can't be specific but if you have QSTs for the last 12 months its in there somewhere. There was one model they did not like and the one you ask about may be it. Anyway the article is good reading. If you really can't find it and need the info email me (rong@slip.net) and I'll look for it but I would rather not have to thumb through magazines any more than I have to. Ron KB6GK

2349. Re: MFJ 90xx CW transceivers - opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4n90bn$c5f@news1.slip.net>
Source record: 201373

QST did a review of these too I believe. They did the 20M SSB version recently too. See my other post regarding locating the articles

2350. Re: MFJ 90xx CW transceivers - opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4n90fg$c5f@news1.slip.net>
Source record: 201374

Also, I think you should look into the several kits available, I just picked up a OHR Explorer 20M QRP kit for 100.00. It is comparable to the MFJ, and you get the fun of building it yourself.

2351. Alinco DR130t Problem..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: msp@Deakin.Edu.Au
Message-ID: <4n92en$ieb@sol.ccs.deakin.edu.au>
Source record: 201375

Has anybody had any problems with recieve on their Alinco DR 130T ???

My radio TX's perfectly....switches back to recieve ok...and all functions work ok. THe only problem is that no recieve signal 'gets' into the speaker. Ie, I can transmit on a rig 2cm's away from the Alinco and the Alinco will not respond to this signal whatsoever.

The problem occurred over about a weeks duration. At the start of the week the recieve took about a minute, from power up to activate. Over the next few days, this activation time increased until, by the end of the week the receive was no-existant and the radio is currently useless.

Has anybody experienced this on their Alinco DR-130T. I suspect the uProccessor or the switching diodes..but I am not game enough to work around the SMD's. Any help would be appreciated.... Michael VK3KKH.

2352. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: rosco@ior.com
Message-ID: <4n8vtn$nsv@express.ior.com>
Source record: 201376

As quoted from many posts.....

>The low deviation problem is quite common with the RS HTX-202

I have recently purchased a 202 and am VERY happy with it. I have
been told many times that the output quality is quite good and clear.
The audio on my end is exceptionaly loud and covers the loudest noise.
I couldn't be happier.
I am also very pleased with my 212.

John KD7AAT

2353. Re: Garage door opener rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4n96l9$96t@news02.deltanet.com>
Source record: 201377
Cross-posted to: sci.electronics.misc,sci.electronics.repair,sci.electronics.design,rec.radio.amateur.equipment

Les Bartel (lbartel@veribest.com) penned:
: Mike Morris wrote:

: > gmayner@access1.digex.net (G. Mayner) writes:

: > >I am trying to build a simple receiver to control a small solenoid that
: > >will operate a door latch. The force on the latch is only a few ounces.

: > >I would like to use a garage door transmitter to send the signal to the
: > >receiver. Does anyone have any suggestions about how to do this?

: > Go to the nearest sears store and buy a replacement radio kit- they
: > come with a receiver and either one or two transmitters.
: > The one-transmitter version should cost under $70. Cheaper than
: > building anything.

: You can buy a remote controlled AC outlet switch for much less than that
: from most home center (Home Depot, etc) stores. I had one (until it
: croaked - apparently from a power surge/spike). The xcvr xmitter pair
: came in at least 3 different frequencies. Press the button, the controlled
: outlet turns on. Press and hold the button for a couple of seconds and
: the unit turns off. You may have to design your own one-shot to activate
: the solenoid, perhaps modifying the receiver circuit so it doesn't latch
: on.

: - les

I also used a Radio Shaft remote AC outlet switch for something that I did, and I had to modify it to get it to work. The transmitter has both an on and off button on the top, and it's fairly large size.

The receiver has a power supply that operates off the AC so it's mickey mouse, and like yours it was subject to transient surges. What I needed to do was isolate the relay contcts from the AC line. So I had to butcher up the PC board a bit to get it to work. I removed the AC prongs and I modified the power supply to get the receiver and relay to work off a 12.6 VAC transformer. Then I wired the contacts externally so I could use them to control low voltages. My idea was to use it to interrupt the speaker leads so it would act like a mute button.

If this solenoid is powered off the AC then the remote AC control would be a good choice. But the AC can fail at times and then you're locked out. (We had a city-wide power failure today for more than an hour. It's funny how you don't realize how important the electricity is until you don't have it.) It's better to power it off a battery and trickle charge the battery (somewhat) continuously. And a 12V solenoid from a car is

probably easier to get than an AC version: there is probably a 12V door latch already made for this purpose. I had an alarm system that ran off a car battery, and the 2 amp trickle charger tended to boil the water out of the battery. So I put a cheap lamp timer between the wall and the charger and set it to go on for a few hours every day, and that solved the battery problem.

--
#======P=G=P==k=e=y==a=v=a=i=l=a=b=l=e==u=p=o=n==r=e=q=u=e=s=t======#
John Lundgren - Elec Tech - Info Tech Svcs.	jlundgre@
Rancho Santiago Community College District	deltanet.com
17th St at Bristol \ Santa Ana, CA 92706	http://www.rancho
My opinions are my own, and not my employer's.	.cc.ca.us
Most FAQs are available through Thomas Fine's WWW FAQ archive:
http://www.cis.ohio-state.edu:80/hypertext/faq/usenet/FAQ-List.html
"You can flame your brains out -- it won't take long."
#===T=u=z=l=a==C=o=m=p=a=n=y=.=.===t=h=r=e=e='=s==L=e==C=r=o=w=d=!==#

2354. FT1000D - Off Frequency

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: "T.D.E." <tde@snet.net>
Message-ID: <319808DC.2FDB@snet.net>
Source record: 201378

Is there an easy "user adjustment" to nudge the frequency back into place on an FT-1000D ?? Mine reads 40 to 60 cycles to the low side. (eg, Reads 14249.96 when it's actually on 14250.00). Problem has been confirmed and also occurs on other bands. Problem is common to both Main and Sub.

Hate to send it to factory. It's used (1993) with no warranty. I'd appreciate it if anyone is familiar with the procedure. I have some test equip- freg gen/counter, etc. ----or---- If anyone knows someone good with Yaesu tune-ups in the Connecticut area?? Thanks!,
Rick N1SQJ

2355. Re: YAESU AT-180 Tuner (for IC-706)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4n96g8$oet@crash.microserve.net>
Source record: 201379

Robert Selman <wega.ppp@pop.loop.com> wrote:

>Ten-Tec gear you can transmit into any swr and get all your power
>out.

I think you're mistaken. The output impedance of solid state rigs is fixed. Change the load impedance and the amount of power delivered to the load will also change. In addition, the bandpass filters at the output of the transmitter require the correct load impedance to insure proper rejection of unwanted emissions.

73,
Jack WB3U

2356. WTB 220 TRANSVERTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Mark DePaepe <Mdepaepe@postoffice.worldnet.att.net>
Message-ID: <4n97h4$nqp@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 201380

I am looking to buy a 220 transverter to operate 220 ssb with. send e-mail with info and price.

Mark

2357. MFJ-931 operation

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: k0rdw1@usa.pipeline.com
Message-ID: <4n99mj$jt0@news2.h1.usa.pipeline.com>
Source record: 201381

MFG-931 Artificial Ground
What is the proper method for tuning this unit? I don't have the
manual.
--
Ron De Mann/ Radio K0RDW

2358. Re: TS50 Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Kootz@apollo.ph1.uni-koeln.de
Message-ID: <4n9edl$j30@news.rrz.uni-koeln.de>
Source record: 201382

I found out myself after a long time.
Press "M/V" Button an switch the TRX on. Too bad, that is not in the
manual !
73 Thilo

Thilo Kootz DL9KCE
I. Physikalisches Institut
Z�lpicherstr. 77
D-50937 Universit�t zu K�ln
Email: kootz@apollo.ph1.uni-koeln.de
Tel.: 0221/470-6215
Privat: 0221/416302

2359. FT50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: string@ix.netcom.com
Message-ID: <4n9fcj$61u@dfw-ixnews10.ix.netcom.com>
Source record: 201383

Anyone have any information on the FT-50?

2360. Re: Fw: More facts on (Best Dual-Band Handheld)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: dave@hip-hop.hh.sbay.org
Message-ID: <4n9l0l$svt@moe.virtual.org>
Source record: 201384

Hi, let me preface this by saying I'm the happy owner of a
Kenwood TH-79A(D) HT. Prior to purchasing this HT I researched
the Yaesu and Icom offerings, and to a lesser extent, Alinco.

lpvwwwtp@cencom.net wrote:

: about them as you felt. Secondly I got the price on the dual-band Kenwood HT
: (I think that thta means handheld) it was a rather steep $459 which he agreed
: was probably the best dual-band handheld. I poked further to find that the

I paid $429 for the low-power version (6.0V 600mAh NiCd included) on sale
at HRO. I think it's $439 now for the same radio.

: TH-79D has 5w transmit on 2 meter and less on 440Mhz. (which was apparently for

My instruction book specs 5W on both bands, with 9.6V or higher voltage input.
I've verified this output into a Diamond NR-2000 (tri-band) mobile antenna
with a Daiwa CN-465M SWR/power meter.

: safety reasons, it being a higher frequency and closer to microwaves) it had
: full 2 meter tx but only 438Mhz-450Mhz tx in 70 centimeter band. I then found

The radio is modifiable for TX+RX 136-174 and 410-470 (mine was, some radios
seem to mod to wider bandwidths). Aircraft AM receive 118-136 is in there too.
The mod is not easy though, involves removing a couple VERY small surface-mount
diodes.

I heard rumors of a keyboard mod sometime ago but nothing concrete has
come of it. Does anyone know of such a mod that actually works?

: that the FT-51R, Yaesu's competiton cost the same, but lacks cross-band
: repeating capabilities, and the easy-to-read dot-matrix display. The FT-51R

The dot matrix display is very easy to read. I like it a *lot*. The back
lighting isn't terribly bright though - the Yaesus seem to have better
backlighting of the display and keys (the Kenwood's keys are not backlit),
but in practice this hasn't turned out to be a problem.

: did, however, have a spectroscope which I guess gives you a graphic read-out of
: full band activity. I think the operator said that cross-band repeating let

Ya know, it's funny... I also own a TH-89 (Japanese). It is almost
identical to the TH-79, but is 430/1200 MHz, and it *does* have the
spectroscope display like the Yaesu and Alinco radios. Do I use this
function much though? Nope!

: the models more in my budget range (though if you feel the Kenwood to be worth
: the extra money, tell me). The Yaesu FT-50R is a tiny little dual-band (which

Yep! I'm happy with it. Packed with features. And quite compact.

: has tx. capabilities of full 2 meter and 430Mhz-450Mhz) plus {brand-new} that
: goes for around $329, the man said that this lacked the ease of programming
: that the Kenwood has and it lacked the cross-band repeating {or maybe all
: repeating capabilities altogether} Once programmed, however, this hold more
: memories and will operate just as well {or so he says}. The batteries come

I saw one at HRO and it's a handful! The salesperson said it didn't do
simultaneous reception or rx + tx (full duplex) like the TH-79 and other
more expensive HTs can. The FT-50 looks and claims to be quite rugged,
however.

: with them, but sold seperately will cost $90 for the Kenwood TH-79D and $50 for
: the Yaesu FT-50R {these are the high-power battery prices) The kenwood has a

BTW, you can get aftermarket batteries from Periphex and other mfrs.
The 6.0V 1200mAh long-life battery for the Kenwood goes for about $50.
(Kenwood brand of same battery is $90, same as 9.6V 600mAh hi-power you
mention). Also, this isn't a big deal, but the Kenwood rapid charger
is the least expensive I've seen for any of the mfrs. Mr. NiCd (see
Nuts 'n Volts magazine) has batteries and their own chargers for less too.

: standard BNC connector and the Yaesu an available, but not so common SCR (I
: think) connector. Your input is welcome! I'm leaning towards the FT-50R

It's an SMA connector. I think it has, or has the potential of,
lower loss than a BNC. For attaching a rubber duck though, I dunno if this
really makes much difference. I do have SMA connectors on some other
radios, and 1) they can be fragile, 2) they take more time to change
(owing to screw-on instead of snap-on), and 3) you will likely have to
use SMA-BNC and/or SMA-PL259 converters anyway, and see some signal loss.

My $.02

Cheers,

Dave KE6AJC

2361. Need Mods TH79e

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: efiten <efiten@dds.nl>
Message-ID: <3199018F.37A0@dds.nl>
Source record: 201385

Hi !
Are there already Mod's available for the Kenwood TH79E ?

Is it still the green wire ?

Please write to Efiten@dds.nl

2362. TS-870 Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: jskapiak@dreamscape.com
Message-ID: <4na1ej$94o_001@sb10.dreamscape.com>
Source record: 201386

Has anyone had any experience with insatlling better crystal filters in the TS-870, such as the ones sold by International Radio? If so, how difficult was the installation, alignment, etc. and what were the results in terms of improved performance. Any information would be appreciated.

Thanks,

John WA2LIY
E-Mail jskapiak@inficon.com

2363. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4na2il$8ib@news1.warwick.net>
Source record: 201387

Jerry Hogsett <jerry@hogsett.com> wrote:

>I just spoke to a technician at Yaesu about the crappy audio in Wide FM
>mode on the FT-50R. She said that due to the size of the radio, they
>were only able to fit a 30-35KHz filter, instead of a 75KHz filter, for
>Wide FM mode. When I mentioned that this made the extended bands
>useless, she said that people in Japan are able to use it (I doubt
>that). She offered to fax me a list of FM frequencies I can listen to
>in Wide FM mode.

>She said they were going to "fix it" in the manual and advertisements.
>She said there's not going to be a fix offered for the radio. When I
>said I wanted my money back, she called my bluff and asked me where I
>bought the radio.

>I'll keep it, but I wish it worked as advertised.

>--
>+---
>| Jerry Hogsett (home) jerry@hogsett.com |
>| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
>| (500)-G-HOGSETT http://www.hogsett.com |
>---+
Why would anyone want an amateur HT to work in the FM broadcast band
anyway?

Although the ad is incorrect it was pointless int he first place.

Just my opinion

Nick

2364. Re: New Standard Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Chester Bowles <bowles@cmf.org>
Message-ID: <4na212$bei@news.monad.net>
Source record: 201388

Got the new HRO catalog in the mail yesterday. They had a full-page color ad about the new mobile in addition to the typical B/W picture in the Standard section. Of course, no price given, but there was a fair amount of detail plus a good picture.

As I recall, it was 35 watts out on 6 and 440. 45 watts on 2. Detachable head. Only two band "windows" but lots of options about how you display the various bands.

I must admit that I was VERY intrigued by the radio. Getting 6M in addition to 2/440 could be a lot of fun. Plus, according to the specs, a tri-plexer is built-in so you can only need one antenna (doesn't do you much good though since I don't think such an animal exists. I'd probably opt for an antenna switch to go back and forth between the 2/440 antenna and the 6M antenna.)

IMHO, Standard builds good although it's certainly not cheap. I'm sure this radio won't be an exception.

Chet, AA1EX

--
--
CHESTER S. BOWLES	Education, rehabilitation, housing,
Vice President	and managed care for children,
Crotched Mountain Foundation	adolescents and adults with physical
One Verney Drive	and developmental challenges.
Greenfield, NH 03047	http://www.cmf.org
603.547.3311 ext. 404	bowles@cmf.org
--

2365. Re: FT50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4na2h0$heb@nntpa.cb.att.com>
Source record: 201389

In article <4n9fcj$61u@dfw-ixnews10.ix.netcom.com>, string@ix.netcom.co
says...
>
>Anyone have any information on the FT-50?
>

What do you want to know?

2366. Kenwood TM241E / Toshiba S-AV17 PA Module failure - kenwood.txt (1/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: stuart.andrew@ayo.mts.dec.com
Message-ID: <4na2l1$lpk@mrnews.mro.dec.com>
Source record: 201390
Body handling: Inline uuencoded payload not displayed: kenwood.txt

[Inline uuencoded payload not displayed: kenwood.txt]

2367. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <319875B2.515B@hogsett.com>
Source record: 201391

Nick J Chiarchiaro, AET / N2QXF wrote:

> Why would anyone want an amateur HT to work in the FM broadcast band
> anyway?
>
> Although the ad is incorrect it was pointless int he first place.
>
> Just my opinion
>
> Nick

In my case, it's like a little general coverage scanner that also transmits. I also regularly listen to public service freqs, marine and air freqs, etc.
--

2368. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4na5um$app@ssbunews.ih.att.com>
Source record: 201392

In article <31973470.2CDA@hogsett.com>,
Jerry Hogsett <jerry@hogsett.com> wrote:

>I just spoke to a technician at Yaesu about the crappy
>audio in Wide FM mode on the FT-50R. She said that
>due to the size of the radio, they were only able to
>fit a 30-35KHz filter, instead of a 75KHz filter, for
>Wide FM mode. ....

Have you tried replacing the WFM filter with a resistor?

Since, I don't have an FT50 schematic, I don't know if there is
another filter, located in an earlier IF, which limits the
bandwith, too.
--
==========
Copyright 1996, Bob Parnass, AJ9S parnass@bell-labs.com

Find and identify transmitter sites with RadioMap(tm)

2369. RCI 2950 schematics ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: s17@aixterm6.urz.uni-heidelberg.de
Message-ID: <4na73r$6pq@sun0.urz.uni-heidelberg.de>
Source record: 201393

Hello reader!

I am looking for the schematics of the 10m-radio RCI 2950.
Any suggestions are weclcome... please mail to my e-mail-addr.

vy 73 de Joachim DL1GSJ

--

Joachim Seibert Astronomisches Rechen-Institut Heidelberg
Moenchhofstr. 12-14, D-69120 Heidelberg
e-Mail: Joachim.Seibert@urz.uni-heidelberg.de
Phone : ++49 6221 405246 or ++49 6221 405135 FAX: ++49 6221 405297

2370. help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: bprender@lynx.dac.neu.edu
Message-ID: <bprender-1405961231410@dept0627.gte.com>
Source record: 201394

Here the situation, I'm just starting in on this radio thing and I'm having a problem figuring out what is best. I started with a couple of 49 MHZ radio shat in pocket communicators so I could play paintball and talk to another member of my team at the same time. I quickly found out that the refs use the same frequency and that the rang and clearity wasn't that good. I nneded something that would work better since I didn't have time to play around with things while I was playing paintball. I also tryed to use these in the car since we travel in multiple cars a lot and I thought it would be nice to be able to talk to each other. At any rate this didn't work. I returned them and figured I would give a CB a shot. It started out really good, then I realized that the CB (a hand held one) would be great for paintball, but not very good for the car since it picked up every little electronic devise in my car, since I have a stereo well over $1000 and an alarm to guard it along with a radar detector to watch for police oh and I can't forget about the pager and cell phone. Anyway you get the point, I'm into electronics. So now I hear all about these HAM radios, and VHF. How far can they reach and what kinds are the best, how much do they cost, where can I get them, are there a lot of people using them? You get the idea, I have no clue about them. I know I need a licencse and that's about it. Some one has been a great help to me so far, any more help would be greatly appreciated. I am extreamly interested in what the benefits are off having the VHF as opposed to the CB. Well please get back to me, one of the more important things is cost and range. I want to creat a docking station for it for my home and for my pickup truck. I am very interested on how far people think they can go. Please email me at bprender@lynx.dac.neu.edu with any help. I don't read these all the time so I would probibly miss any resonse to this. Thanks for any help at all......

2371. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Gerald Schmitt <ggs@eule.lanl.gov>
Message-ID: <31988C5C.A9@eule.lanl.gov>
Source record: 201395

KD7AAT wrote:
>
> As quoted from many posts.....
>
> >The low deviation problem is quite common with the RS HTX-202
>
> I have recently purchased a 202 and am VERY happy with it. I have
> been told many times that the output quality is quite good and clear.
> The audio on my end is exceptionaly loud and covers the loudest noise.
> I couldn't be happier.
> I am also very pleased with my 212.
>
> John KD7AAT

Very simple John yours, was adjusted properly at the factory many
are not. When properly adjusted the HTX-202 has wonderful audio but
this is not always the case. The Radio Shack customer base may not be
technically adept enough to deal with a problem like this. The average
RS sales person certainly is not. Before flaming note I said average
not my Extra friend who work there part time. A non technical customer
coupled with a store staff who is taught to push the merchandise and
precious little else will not get these type of problems resolved.

As I recall John you have had your ticket for a couple of weeks now
perhaps there has not been enough time to find the warts on the RS
equipment. I also seem to recall a flame from you on this subject.
Do you work at a RS store perhaps? Inquiring minds want to know.

73 Jerry KK5YY

2372. Re: FT 901 DM Mod ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Gerald Schmitt <ggs@eule.lanl.gov>
Message-ID: <31988D97.7546@eule.lanl.gov>
Source record: 201396

yamaha@northnet.org wrote:
>
> Does anyone remember how to put this rig on 11 meters ?
> (It will be used legally ... honest!!)
> Thanks !! 73 , N3NDQ Jim

For the uninformed please explain how it will be used legally.
Perhaps outside of the US or as a laboratory frequency source?
Just limiting the power to 4 watts is not going to slop the hogs.
If you want to operate on 11 meters there is a lot of legal stuff
for a very few bucks. Operation Amateur equipment on CB is one of
the few areas still drawing enforcement from the FCC. Just my
opinion no flame intended.

73 Jerry KK5YY

2373. Need manual for IC-U16

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: acao@micro.ti.com
Message-ID: <4nabmj$7c0@hammerhead.dadd.ti.com>
Source record: 201397

E-mail acao@micro.ti.com

2374. FT 50 R vs IC T7 a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: joel@cfc.com
Message-ID: <4na4mc$6u@serve.tech.mis.cfc.com>
Source record: 201398
Cross-posted to: rec.radio.amateur.equipment,misc.test,mi.misc

I am looking for opinions of the FT50R and the ICT7A

I am currently leaning toward the T7A becuase it looks simpler
to use and has tone scan built in. Also I like the way
it feels in my hand better, the FT50R is a little short and
fat for my tastes. The FT50 is also a bet confusing programming
wise...

Anyone with experience they would like to share pls email me
joel@cfc.com

I do not read this group.

joel wb8rhg

>

2375. FT 50 R vs IC T7 a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: joel@cfc.com
Message-ID: <4na3kr$t15@serve.tech.mis.cfc.com>
Source record: 201399
Cross-posted to: rec.radio.amateur.equipment,mi.misc

I am looking for opinions of the FT50R and the ICT7A

I am currently leaning toward the T7A becuase it looks simpler
to use and has tone scan built in. Also I like the way
it feels in my hand better, the FT50R is a little short and
fat for my tastes. The FT50 is also a bet confusing programming
wise...

Anyone with experience they would like to share pls email me joe@cfc.com

I do not read this group.

joel wb8rhg

2376. WINFO: TS700A - Worth buying?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Dave Fifield <fifield@lan.nsc.com>
Message-ID: <3198C408.117E@lan.nsc.com>
Source record: 201400

Guys, does anyone know what a second hand one of these old analog dial 2m multimode rigs is really worth these days? I have the opportunity to buy one for $300...and based on what I see other (more modern) rigs going for, I reckon it's about the right price. I'd love to have that confirmed though, before I shell out my hard earned cash!

Are there any "known" problems/quirks that this rig had? Any information would be much appreciated. Thanks.

Dave Fifield, KQ6FR

Email fifield@lan.nsc.com

2377. WTB: ICOM IC-551 or 551D

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Carl Estey <carl.estey@HBC.Honeywell.com>
Message-ID: <3198A111.951@HBC.Honeywell.com>
Source record: 201401

I am looking for an Icom IC-551 or IC-551D 6-meter transceiver for a friend. If you have one and would like to convert it to cash, please send me an E-Mail message including your name, phone number (he does not have e-mail). model you have, asking price, and condition. He is willing to consider other brands of 6-meter all-mode gear.

In advance, Thanks!

73, Carl

--
Carl Estey, Amateur Radio Station WA0CQG
Honeywell Inc., Homes and Building Control, MN10-2518, 1885 Douglas Dr.,
Golden Valley, MN 55422 (612) 954-6922
E-Mail: carl.estey@HBC.Honeywell.com or wa0cqg@wa0cqg-uhf.ampr.org
(TCP/IP)

2378. Tucker Electronics Radio Repair?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Saad Mahaini <5606939@MCImail.com>
Message-ID: <4najlp$sc3@news.internetmci.com>
Source record: 201402

Last month, there was a thread on this news group about the radio repair shop at Tucker Electronics. All posting indicated dissatisfaction with Tucker's work quality, service response, and technicians lack of expertise. Tucker had my radio when I read these postings, so it was too late to reverse my terrible mistake of letting them service my radio. Well, I became another victim, and I paid the price.

I am extremely disappointed with Tucker Electronics radio repair services. The radio is currently at International Radio being serviced and aligned by the experts.

In case you are wondering about my bad experience with Tucker Electronics, I included my recent email to them in this posting. I am doing this as a curtesy advise to all of my fellow hams.

Bottom line, do not even consider Tucker Electronics for your radio repair. Just send it to the experts somewhere else.

Regards, Saad KB6VIR/5

Forwarded message:

Date: Wed May 01, 1996 05:25 pm CDT
From: Saad Mahaini / MCI ID: 560-6939

TO: Manager - Tucker Electronics(EMS)
EMS: INTERNET
MBX: hams@tucker.com
Subject: Radio Repair Department - Customer Dissatisfaction
Message-Id: 94960501222449/0005606939PL1EM

Dear sir,

This is to inform you of my great dissatisfaction with your radio repair services. The following is a summary of my problem:

Few weeks ago, my kenwood TS930SAT quit transmitting. I inspected the radio myself and determined that the problem was in the finals (PA) board. I replaced one power driver transistor and couple resistors, that were burnt. The board still did not work, so I decided to take it to the local Kenwood authorized repair shop (the experts) at Tucker electronics.

I called your technician about one week, after I delivered the radio to your service department. I was informed that your service department can not repair the radio, and I was asked to pick it up. Along with the radio, your technician give me a small plastic bag with various components (transistors, resistors, screws, spacers, etc.), that he

removed from my radio. Worst of all, I had to pay Tucker Electronics $43+ for all of these great services.

In plain English; "Tucker Electronics refused to fix my radio after they removed a bunch of components from the board, put them in a plastic bag, put the radio back together, asked me to pick it up, and then charged me $43".

Your technician indicated that the board had severe burns and damages. I inspected the board afterwards, and only found a very minor black spot (smoke stained area) on the top side of the board. This spot is right below a removed resistor next to one of the driver transistors. Similarly, he reported the presence of white corrosion on the module, which is in fact just heat sink white silicon not corrosion. Also, I noticed that the board was slightly damaged during your technician's attempt to repair it. A PCB eyelet (feedthru) was broken off, which appeared to be a result of high soldering heat applied to it.

Bottom line, I was extremely disappointed with the service that I received from your repair shop. I am now convinced that your technicians are not professionals nor experts in the radio repair field.

Regards, Saad Mahaini KB6VIR/5

2379. FS: Yaesu FRG-100 for quick & cheap sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Dave Campbell <campy@falcon.cc.ukans.edu>
Message-ID: <1996May14.144933.119858@kuhub.cc.ukans.edu>
Source record: 201403

I have a Yaesu FRG-100 that is currently sitting in a box doing
nothing. I've dropped out of my shortwave DXing in favor of schoolwork,
and would like to sell this radio at a fair price.
It includes all of the original accessories and is in showroom
condition. I'm also including the French made Keypad which allows control
of power on/off, freq selection and memory selection. It has worked very
well for me and I never had any complaints (other than lack of time to
pursue it!). I'm also including the 9th Edition of the Confidential
Freqeuncy list and a copy of the 1996 Passport to World Band Radio.
I used this radio with a Radio Shack multiband antenna in my attic,
and would be willing to throw that in the box also, with 50 feet of RG-58.
I'm asking US$450 for everything. I'd say the price is negotiable,
as I need to sell, but I can't afford to lose too much, as school loans
only go so far! I've been trying to sell for a while now, so any serious
offers will be acted upon _immeadeately_.

Thanks,

Dave

+===+
|Dave Campbell (913)832-0980 Home |
|213 Woogate Place (913)681-6950 KC Home |
|Lawrence, Kansas 66049 (913)681-6951 Fax |
| Freelance Graphic artist for hire! (816)870-9673 Pager |
+---+
| http://falcon.cc.ukans.edu/~campy <--<<< Go on, check it out! |
+---+
|"Bow down before the one you serve, GO |
| you're going to get what you deserve" NIN HAWKS! |
+===+

2380. Old Radio Catalogs Wanted (RadioShack, Lafayette, Heath, etc.)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: padawer@usit.net
Message-ID: <padawer-1405961442310001@padawer.ppp.usit.net>
Source record: 201404
Cross-posted to:
rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner,rec.radio.cb,alt.forsale

I'll pay top dollar for old electronics catalogs (anything prior to 1985),
such as old Radio Shack, Lafayette, Heathkit, Allied, and others. Please
email with what you have. Thanks!

Randy Padawer
padawer@usit.net

Randy Padawer, P.O. Box 1167, Knoxville, TN 37901-1167 U.S.of A
Internet: padawer@usit.net AOL: Ad Randy Tel.: (423) 637-7263
Department of Psychology, University of Tennessee, Knoxville, Tenn.

2381. F/S AVANTI MOONROTOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: rchouts@onr.com
Message-ID: <4nan90$p5g@mari.onr.com>
Source record: 201405

For sale (new, never used) Avanti MoonRoter model AVR1 $100.00 or
make an offer.
360 deg. rotation
up to 8.5 sq. ft. wind load area

Email offer and or questions to rchouts@onr.com

R. C. Houts

2382. FS: MFJ-1278 TNC for quick and cheap sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: Dave Campbell <campy@falcon.cc.ukans.edu>
Message-ID: <1996May14.145033.119859@kuhub.cc.ukans.edu>
Source record: 201406

I have an MFJ-1278 MultiMode Data controller for sale. Excellent condition, all manuals and cables are included. This unit has firmware revision 2.03 and works very well. I'm asking US$100, extremely negotiable, I need to sell fast!

Thanks,

Dave


```
+=========================================================================+
|Dave Campbell (913)832-0980 Home |
|213 Woogate Place (913)681-6950 KC Home |
|Lawrence, Kansas 66049 (913)681-6951 Fax |
| Freelance Graphic artist for hire! (816)870-9673 Pager |
+-------------------------------------------------------------------------+
| http://falcon.cc.ukans.edu/~campy <--<<< Go on, check it out! |
+-------------------------------------------------------------------------+
|"Bow down before the one you serve, GO |
| you're going to get what you deserve" NIN HAWKS! |
+=========================================================================+
```

2383. SCA Decoder Hookup?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: ctn3904@uta.edu
Message-ID: <4naotp$p3@utaipx02.uta.edu>
Source record: 201407

How do you hook up the Ramsey SCA decoder to the GE Super radio III?

Chris

2384. Re: HELP: Grounding Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4nao2s$aqc@crash.microserve.net>
Source record: 201408

This discussion has failed to address one critical area of safety. In fact, it's a hazard that can be made worse by the grounding requirements of electrical codes. Those codes were written by engineers who work in the field of AC power. In that field, there's a general assumption that power is being supplied to equipment that is properly and *permanently* installed. The codes also seem to assume that equipment will either have an insulated chassis that prevents contact by the user, or that it will have a three-wire line cord.

Much ham equipment doesn't fall into either category. In addition, it's not a permanent fixture. More than likely, it will be connected and disconnected by the user much more frequenctly than any home appliance the power engineers based their recommendations on.

The hazard I'm speaking of results when non-insulated equipment with a two-wire line cord is used in the proximity of, or is connected or disconnected from, the electrical ground of the home. Components inside the equipment create AC leakage to the chassis that is often more than sufficient to arrest the heart. If the user makes contact with the chassis of ungrounded equipment simultaneous with earth or electrical ground, the leakage current flows through the body. Any ham who has disconnected his two-wire equipment from ground (or from other equipment), either by disconnecting the ground wire or unscrewing a PL-259, has probably been shocked by this current. I can't quote any cases where death has resulted, but the only thing standing in the way of such a fatality is skin resistance.

Considering that the connectors and ground wires sometimes work loose (or at best can't be relied on given the gravity of the hazard), the only real solutions are A) always remove *all* AC plugs from the wall before attaching or removing *any* connection to *any* piece of equipment and B) ground each individual piece of equipment redundantly, that is, with more than one ground wire.

73,
Jack WB3U

2385. Re: Future HF xcvrs: Are any of you Radio Manufacturers Reading this ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996May14.130526.529@nad.com>
Source record: 201409

In article <4n7dg2$ms0@ilx018.iil.intel.com>, "Richard B. Harel"
<rharel@fab8.jer.intel.com> writes:
> Here is a list of features I'd love to see the 'Big 3' Japanese
> manufacturers of AR equipment incorporate into their future
> HF xcvrs. Many commercial manufacturers have already incorporated
> many of these features.
> 1. Sylabic Squelch. - If anyone has ever used this feature, there's no
> going back ! This type of squelch opens upon detection of voice
> characteristics. JPS makes a plug in module with this feature
> that is sold to many commercial OEM's. Some include a 'gaurd tone'
> similar to a PL that reduces false squelch tripping.
> 2. Wide band digital receiver. - Imagine if every 10 minutes (if you
> so desired) your xcvr would transmit a digital packet containing
> your callsign, frequency and present time. Providing that everyone
> used the same protocol and the idea caught on, a wide band receiver
> built into your xcvr would constantly monitor the band and collect a
> list of 'who's on' and where. Interfaced to a PC, you'd be able to
> keep your xcvr on for a while and scan for several years until that
> rare station you've always been looking for from Yemen came on.
> Yes, a DX packet cluster does very much the same thing, but not
> everyone has access to them and input is not in real time.
> 3. ALE. - Automatic Linking. Many commercial xcvrs now use an ALE
> protocol to link 2 xcvrs on the most suitable freq. with the highest
> S/N ratio. True, we are much more limited in freq allocation, but it
> would still be neat to set up my xcvr with the same protocol with
> my friend's xcvr in London that would automatically determine that
> from the preset memories that we both have set up in our xcvrs on
> 14,18,21,24,+28Mhz, at this time 28.450 (i.e.) is providing the best
> S/N ratio. It checks other memories from time to time to see
> when this changes.
> 4. Alpha-numeric memories display. - With 99 memories in my FT-990,
> I have to remember what each one is or write it down somewhere !
> Yaesu has done this for their VHF/UHF radios (FT2400/2500/7400)
> why not HF xcvrs ?
> 5. MORE MEMORY CHANNELS ! Rohde & Schwartz provide 1000 memory
> channels in some of their commercial receivers (EK870). This
> would not add to the cost of manufacturing in a significant way.
> 6. BITE - Built in Test Equipment. Many commercial xcvrs have BITE.
> If I disconnect module A19 in my Harris RF-590, next time I turn
> on the receiver, the display shows me that that module has a fault.
> This used to be very expensive to incorporate into equipment but
> technology is probably cheap enough to provide this for the equipment
> we use.
>

> I'd be curious to hear your ideas and hope that the folks in
> Osaka are listening !
> 73,
> Rich
> 4X1DA/WB2JBS

7. How about a standard, separate low level (10-20dbm) transverter output?

8. Of course also an open collector output, grounded for xmit for transverter PTT switching.

9. How about the ability to dial in a transverter offset for the displayed freq (like the TS850 I believe)? This should be a firmware only enhancement to most radios.

Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

2386. Info needed on Vibroplex Keyers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: gwittig@microsys.net
Message-ID: <4nadv3$1oo_001@news.ni.net>
Source record: 201410

Is there any info on how to date Vibroplex Morse keyers? I have two I believe
are old both have grey basses one is a paddle type its serial number is 126433
the other is a button type and it says Zephyre on the bottom.
Thanks Greg

2387. Manual wanted : HP 5240A frequency meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-14 00:00:00 UTC
From: adrian@fangorn.demon.co.uk
Message-ID: <DrEwCF.3Av@fangorn.demon.co.uk>
Source record: 201411
Cross-posted to: sci.electronics.repair,uk.radio.amateur,rec.radio.amateur.equipment

I'm looking for a service/operating manual for an HP 5240A frequency meter. It's a 12GHz meter that dates back to the late '60s - this example is still in reasonable condition and suffering from what I hope is a simple fault (the gate isn't triggered by the sample rate timer - it just triggers occasionally when switches are moved).

If anyone (including dealers) has a manual, I'd be happy to pay reasonable shipping and photocopying costs. Note that I've already tried HP and the main UK surplus dealers without success. HP were helpful and can send me a few circuit details but no longer have copies of the manual for sale (even on microfilm) - it appears that the only remaining copy is in the archive at the Santa Clara plant.

I'd also appreciate help identifying some HP-numbered parts, probably TTL, in this instrument. They're :

1820-0074
1820-0063
1820-0093
1820-0116

Thanks for any help,

-adrian

2388. Help... How do I do the FT-530 mod???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: kc8dml@aol.com
Message-ID: <4ndeh5$pp1@newsbf02.news.aol.com>
Source record: 201112

I own a FT-530 and have heard many things about the modifications for it. I read numerous files that said to unsolder Jumper 13 for extended TX and RX. Or Jumper 15 for just extended RX. Is this correct??? One spot said I had to unsolder them both..... Is it true that it will have 800 RX capabilities???

Any help would be appreciated..... Just email me or if you live in the Cleveland Area, give me a call.

THX de KC8DML
Rob McKrill
Chardon, Ohio
(216) 286-7243

2389. looking for hf amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: pff@bfs.uwm.edu
Message-ID: <pff.17.01847B94@bfs.uwm.edu>
Source record: 201113

Hi. I am looking for an Heath SB-220. Anyone selling one?

2390. Re: MFJ Multicom Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Mark Saunders <tracker@indirect.com>
Message-ID: <319A6483.159A@indirect.com>
Source record: 201114

Gerald K. Shaffner Sr. wrote:
> Has anyone had any trouble using Multicom Ver. 3.1 with Windows 95
> installed.
>
> I use the Dos prompt and when Multicom comes up, it locks up in the first
> setup screen. The keyboard locks.
>
> I get the same thing if I reboot to Dos.
>
> The only way it will work is if i use a boot disk.
>
> Anyone have any answers.
>
> Thank You
>
> Jerry WA3HFR

Jerry,

Sorry to say that I've experienced no such problems under W95. You may
have a com port conflict between W95 and Multicom in DOS.

Mark Saunders - KJ7BS
Glendale, AZ
PACKET: KJ7BS@KC7Y.AZ.USA.NOAM
INTERNET: tracker@indirect.com

2391. Heathkit DX-100 and Marauder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: joehol@microsoft.com
Message-ID: <4ndlhv$739@news.microsoft.com>
Source record: 201115
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Can someone tell me the matching Receiver for the DX-100 and Marauder Transmitters ?

73 Joe KA7LDN

And, yes, I would like to purchase the RX unit if you have one for sale.

2392. TH79E and mod's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: dr-guru@cuci.nl
Message-ID: <319a4ef2.226675@news>
Source record: 201116

Good morning.

I have a TH79E portable ,and i know that there a some cool mod's for this device
,But! ,i can't find them!!
Has some one them ??

Ton Muller

Forte Free Agent .99e
Life long and prosper dude's!

2393. WTB: Dentron MLA2500B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: n5lbz@aol.com
Message-ID: <4nds5g$1pa@newsbf02.news.aol.com>
Source record: 201117

WANTED: Dentron MLA2500B in Excellent to MINT condition without tubes. Email scole@juno.com

2394. Re: 5/8 (2m) wave MFJ vs. Larsen?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-1505961453330001@wpaul-mac.qualcomm.com>
Source record: 201118

In article <magus-1405961847250001@ascend1-p48.netvoyage.net>,
magus@netvoyage.net (J. Coburn) wrote:
>
> Just Buy The $17.00 magmount 2m 70cm from MFJ It will be more than enough
> for your needs and a whole bunch less expensive too.
> james

I looked at another one at HRO for around $17 (not sure of the brand) and
it had a smaller magnet. I chose to Larsen because the magnet is powerful
enough to keep the base from sliding across my roof at freeway speeds
(plus some :>).
-BP

Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com

2395. Re: MFJ 90xx CW transceivers - opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Jim Wagner <jimw@nando.net>
Message-ID: <319A74A3.FD4@nando.net>
Source record: 201119

Ron Giuntini wrote:
>
> Also, I think you should look into the several kits available, I just
> picked up a OHR Explorer 20M QRP kit for 100.00. It is comparable to the
> MFJ, and you get the fun of building it yourself.

I have looked into kits. See the June, 1996 issue of QST for reviews
on 6 QRP transceivers. I've also spent several hundred hours building
kits and homebrewing everything from code practice oscillators to
a 25 inch color tv, and a lot in between. Read the QST reviews you
were too busy to look up, too.

None of which is relevent. I'd sure like to hear from someone who
actually owns and uses one of the MFJ-90xx rigs and would share
their experiences.

Jim, N4SVZ

2396. Re: Pocket Morse Code Trainer - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Jim Wagner <jimw@nando.net>
Message-ID: <319A75C4.5B26@nando.net>
Source record: 201120

Ron Giuntini wrote:
>
> QST ran a review of several of these a few issues back. I forget which
> one and I don't have the time to look for it now. (Seems I spent alot of
> time looking for articles already) Sorry if I can't be specific but if
> you have QSTs for the last 12 months its in there somewhere. There was
> one model they did not like and the one you ask about may be it. Anyway
> the article is good reading. If you really can't find it and need the
> info email me (rong@slip.net) and I'll look for it but I would rather not
> have to thumb through magazines any more than I have to. Ron KB6GK

It was the December 1995 issue. The Computer Aided Technology (CAT)
units. And they did get panned pretty bad. Wasn't interested in
these things at the time the article was published, so thanks for the
heads up.

73 de JIm, N4SVZ

2397. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <319A5D3D.4332@mail.rust.net>
Source record: 201121

Jerry Hogsett wrote:
>
> I just spoke to a technician at Yaesu about the crappy audio in Wide FM
> mode on the FT-50R. She said that due to the size of the radio, they
> were only able to fit a 30-35KHz filter, instead of a 75KHz filter, for
> Wide FM mode. When I mentioned that this made the extended bands
> useless, she said that people in Japan are able to use it (I doubt
> that). She offered to fax me a list of FM frequencies I can listen to
> in Wide FM mode.
>
> She said they were going to "fix it" in the manual and advertisements.
> She said there's not going to be a fix offered for the radio. When I
> said I wanted my money back, she called my bluff and asked me where I
> bought the radio.
>
> I'll keep it, but I wish it worked as advertised.

What do you mean, she called your bluff? I had the same experience. I
took my back to the local radio shop where I bought it, and simply ask for
a refund (for the reasons you stated), and got it!

Bill Crocker

2398. Help! How do I do the FT-530 extended TX&RX mod??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: kc8dml@aol.com
Message-ID: <4ndkas$ruc@newsbf02.news.aol.com>
Source record: 201122

I own a FT-530 and have heard many things about the modifications for it. I read numerous files that said to unsolder Jumper 13 for extended TX and RX. Or Jumper 15 for just extended RX. Is this correct??? One spot said I had to unsolder them both..... Is it true that it will have 800 RX capabilities???

Any help would be appreciated..... Just email me or if you live in the Cleveland Area, give me a call.

THX de KC8DML
Rob McKrill
Chardon, Ohio
(216) 286-7243

2399. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: mscherzi@ix.netcom.com
Message-ID: <4nd2v8$3m2@dfw-ixnews4.ix.netcom.com>
Source record: 201123
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In <5e7cc$11271c.2ce@NEWS> mouer@mail.ameritel.net (Dan Mouer) writes:
>
>I have a few questions about the Kulglass Antennas (Larsen) sold by
Ham Radio
>Outlet. I am specifically interested in either the KG144PL (2m), or
>theKG2/70PL (2m/70cm).
>
>1. Are glass mount antennas any good? I am using an HTX-202.
>2. Does anyone have any experience with these two antennas?
>3. Is the SWR a problem with this type of antenna?
>4. Do these things really stay glued onto the glass at 'highway
speeds'?
>5. The window I would place it on has some tint ('94 Toyota truck w/
extend
> cab), would this be a problem?
>
>Any other info is appreciated.
>Thanks.
>
>-Dan (N3XJN).
>

I have an on-glass larsen 150mhz antenna that was installes
in Feb of 87 on my Supra and is still there. This car has lived
all it's life in the sun- Caribbean and So Cal. Antenna stays on
at highway +++ speeds (in excess 100 mph). Professional driver on I-5,
do not try this at home.
Only problem is that the INTERIOR on-glass mt needs to be remounted 3
times in the last 9 years -prob due to heat. That is much better
than my cell antenna. There are remount kits out for
about $10.

You do need to remove the tint as there is metal that interferes with
the signal, and may have adhesion problems on the film.

Larsen is great. We just installed 2 roofmounts on my unit and get
amazing results using talkaround.

Hope this helps

Matt
KF6CYW

2400. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: kucharsk@nessie.dr.att.com
Message-ID: <DrGxH9.7LG@bigtop.dr.att.com>
Source record: 201124
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

While reading article <5e7cc$11271c.2ce@NEWS>, I noticed that
mouer@mail.ameritel.net (Dan Mouer) said the following:
>I have a few questions about the Kulglass Antennas (Larsen) sold by Ham Radio
>Outlet. I am specifically interested in either the KG144PL (2m), or
>theKG2/70PL (2m/70cm).
>
>1. Are glass mount antennas any good? I am using an HTX-202.

Yes, they work quite well. I have the Larson KG 2/70.

>2. Does anyone have any experience with these two antennas?

As I said, I have the Larsen. It works pretty well for my application, one
in which I didn't want to drill a hole, I don't really have a decent lid of
any type for a lid mount type antenna, and I got sick of dealing with the
mag mount.

However, as with all such technologies, there is a trade-off. For various
reasons, the performance of the glass mount isn't quite as good as is my
Larson NMO mag mount, probably because of the ground plane the mag mount has
to play with. Note that out of band performance suffers with the glass mount
as well; for example, my local NWS station at 162.475 MHz comes in "full
strength" on the bar graph of my rig when I use the mag mount, but at only
about 50% of that with the glass mount. Note that in-band frequencies show
no such discrepancies.

>3. Is the SWR a problem with this type of antenna?

Not really, but let me warn you that at least with the antenna I had the SWR
was too high because Larsen had apparently cut mine too short. However, I
called them and they were very nice and sent me a custom rod that I cut to
size and brought the SWR down significantly.

With the original rod I had readings of 2.5:1 or greater in some places on
the 2m band; now both 2m and 70cm stay below 1.7:1 or so throughout both bands.

I'd suggest investing in or borrowing a good SWR meter. You'd probably want
to use one to double check you hadn't accidentally kinked or broken the coax
during installation anyway.

>4. Do these things really stay glued onto the glass at 'highway speeds'?

Yes. I've been up to 80 MPH with no problems, though the antenna does sing
quite a bit at higher speeds/higher wind speeds.

But, MAKE SURE TO FOLLOW THE DIRECTIONS. Clean the glass throughly, make sure
you use the pre-adhesive they give you, and make sure the temperature of the

window is in the recommended range. Forget any of these steps and all bets are off. The recommended bead of silicone sealant around the seam between the base of the antenna and the glass is highly recommended as well.

>5. The window I would place it on has some tint ('94 Toyota truck w/ extend
> cab), would this be a problem?

Tint isn't a problem unless it's metallic or it's that raised textured kind often found at the top of rear windows. If the surface is smooth and you can receive/xmit through it (check with an HT) you should be fine.

--
| William Kucharski, contractor, Lucent Bell Labs | Opinions expressed herein
| Work Internet: kucharsk@drmail.dr.att.com | are MINE alone, NOT those
| Fun Internet: kucharsk@netcom.com Ham: N0OKQ | of Lucent Technologies.
| President, "Just the Ten of Us" Fan Club | "Dittos from Denver, CO"

2401. Re: If money were no object

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: admin@hoptechno.com
Message-ID: <4ndr2e$nns@stratus.skypoint.net>
Source record: 201125

In article <1996May15.125949.531@nad.com>, landisj@nad.com (Joe Landis - Systems & Network Mgr) says:
>
>In article <4nbg5l$qmu@e-tex.com>, Bob Moody <bmoody@e-tex.com> writes:
>> Phil:
>>
>> Try a Kenwood TS-50. If $$$ not a problem, buy 2 spares and mount
>> all 3 of 'em in different parts of the boat for your convenience.
>> 73, Bob Moody K7iRK <bmoody@e-tex.com>
>Yeah, and you'll need the spares too.
>Joe - AA3GN

You would recommend.....?

2402. Re: WINFO: TS700A - Worth buying?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: crispest@netcom.com
Message-ID: <crispestDrGI77.4Fz@netcom.com>
Source record: 201126

Dave Fifield (fifield@lan.nsc.com) wrote:
: Guys, does anyone know what a second hand one of these old analog dial
: 2m multimode rigs is really worth these days? I have the opportunity to
: buy one for $300...and based on what I see other (more modern) rigs
: going for, I reckon it's about the right price. I'd love to have that
: confirmed though, before I shell out my hard earned cash!

: Are there any "known" problems/quirks that this rig had? Any information
: would be much appreciated. Thanks.

: Dave Fifield, KQ6FR

: Email fifield@lan.nsc.com

Howdy, I had a 700S 2 yrs ago, bought for 325.00 sold for 325.00.

I had no problems w/ mine in the 1.5 yrs that I owned it. Great for ssb
and limited fm.

You can't really go wrong.

Good luck.

Chris, in Gilbert, AZ.

2403. TenTec 2M->6M Xvrtr?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: markem@primenet.com
Message-ID: <4ne7hm$del@nnrp1.news.primenet.com>
Source record: 201127
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Has anyone built the TenTec 2M-to-6M transverter? I'm thinking about buying one to get on 6M FM. I'd be interested in hearing opinions/experiences about it. If it's as good as the 20M-to-6M unit it should be worthwhile.

Tks & 73.... Mark AA7TA

2404. Kenwood TS440 PIN diode mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: merhar@ct.picker.com
Message-ID: <merhar.5.319A10FD@ct.picker.com>
Source record: 201128

Has anyone converted a xcvr to PIN diodes in the filter section? This was based on an article in QST by Dr. Rohde. He increased the IP by several dB. Has anyone done this? I would like your experiences so I can attempt it on my TS440S

Thanks
Rich WE8T

2405. Re: HELP!! Need R390A part

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Roger Kadeg <Kadeg@serv.net>
Message-ID: <319AC737.59A3@serv.net>
Source record: 201129

Ken N2SQW wrote:
>
> I desperately need a function switch for the R390A. This is the wafer
> switch that controls standby/mgc/agc/calibrate. I could also use the
> microswitch that is used for power control, although that can be worked
> around. I believe the wafer switch from a R390 will also work.
> Please E-Mail KenN2SQW @ AOL.COM
>
> Thanks and 73 de KenTry Miltronics P.O. box 80041, Toledo, OH 43806 (SASE). They will have
part or know where to get one. Good Luck.

2406. Subject: Alinco DR-150T - Thoughts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <19960515.013610.2295.2.redbone@juno.com>
Source record: 201130

I'm currently using an Alinco DR-150T as a base station and I love it! I don't have any problems with it at all. Excellent audio. Easy to use, etc. etc.

Doug
KC8CGX

2407. Re: TTL HP parts: ATTN Adrian

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.SOL.3.93.960515111756.15334B-100000@spork.callamer.com>
Source record: 201131

Adrian. I found only two of the parts you asked for:
1820-0074 is a 7454
1820-0063 is a 7451
The other two are so old that my crossfreference does not show them.
There is a chance that I can find the other two later on. Cliff W6HDO

2408. Re: MFJ-931 operation

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4nbc43$1j24@mule2.mindspring.com>
Source record: 201175

k0rdw1@usa.pipeline.com(Ron De Mann/ Radio K0RDW) wrote:

> MFG-931 Artificial Ground
> What is the proper method for tuning this unit? I don't have the
>manual.
>--
>Ron De Mann/ Radio K0RDW

Ron,

You really need the manual. Basically its set the inductance and
capacitance to the place where you get the most meter reading
(current) on each band.

Dave K4JRB

2409. Re: If money were no object

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Bob Moody <bmoody@e-tex.com>
Message-ID: <4nbg5l$qmu@e-tex.com>
Source record: 201176

Phil:

Try a Kenwood TS-50. If $$$ not a problem, buy 2 spares and mount
all 3 of 'em in different parts of the boat for your convenience.

73, Bob Moody K7iRK <bmoody@e-tex.com>

2410. Re: FT 901 DM Mod ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4nbck7$sj7@news1.slip.net>
Source record: 201177

Are you sure you can legally put a radio on 11 meters if it is type accepted for another service? Just asking.

2411. Re: Alinco DR130t Problem..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4nbdim$sj7@news1.slip.net>
Source record: 201178

Look for a bad connector on the PC board. Use a contact enhancer on all the connectors. (Not a contact cleaner, but something that actually changes the conductivity of a contact.) I forget what it is called but its something like stabilate.

2412. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: rosco@ior.com
Message-ID: <4nblap$anj@express.ior.com>
Source record: 201179

Gerald Schmitt <ggs@eule.lanl.gov> wrote:

>As I recall John you have had your ticket for a couple of weeks now
>perhaps there has not been enough time to find the warts on the RS
>equipment. I also seem to recall a flame from you on this subject.
>Do you work at a RS store perhaps? Inquiring minds want to know.
> 73 Jerry KK5YY

No I don't work at/for Radio Shack. I don't flame. I might have
remarked about the choice of a persons words when they were uncalled
for. I've used my 202 and 212 for many hours now and find them BOTH
to be very excellent radios. If a person has a problem with a radio
from anyplace, take it back, have it fixed and quit your bitching.

John KD7AAT

2413. Re: Help with JRL-2000F Linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: muto@isl.ntt.jp
Message-ID: <muto-1505960953040001@camac.isl.ntt.jp>
Source record: 201180
Cross-posted to: rec.radio.amateur.equipment,aus.radio.amateur.misc,francom.radio_amateur,in.ham-radio,pt.rec.radio.amadorismo,slac.rec.ham_radio,su.org.ham-radio,tnn.radio.amateur

In article <831035289snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk
wrote:

> Can anyone tell me about any modification that allows JRC's JRL-2000F HF
> Linear Amplifier to operate on the 10m band?
>
Cut the R151 on CDJ-1143 CONTROL board.

This is the 4th resister mounted besides switch S1. The 1st resister
R154 is the one to enable TX-mute signal (which usually do not have to
activate) and there is a description in the manual how to enable this
one. Do the same to R151, which is connected to IC1 pin 41.

> Does anyone know of an owner of one of these units anywhere who might be
> asked about this?
>
I am an one of them.

> 73.
> --
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na
GL es 73.

Yutaka
JH1VWP also AB5KW

2414. Need manual for kenwood TR7930 2mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: hankster@ix.netcom.com
Message-ID: <4nbogl$au9@dfw-ixnews10.ix.netcom.com>
Source record: 201181

If you have one, I hope I could induce you to sell me a copy.

Thanks,

Henry, AE4MX

2415. Re: FT 901 DM Mod ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4nc2hc$pk8@crash.microserve.net>
Source record: 201182

Ron Giuntini <rong@204.160.88.10> wrote:

>Are you sure you can legally put a radio on 11 meters if it is type
>accepted for another service? Just asking.

No, you can't.

73,
Jack WB3U

2416. Re: Frage...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Bernhard Hailer <beh@anorg.chemie.uni-muenchen.de>
Message-ID: <3199B85C.41C6@anorg.chemie.uni-muenchen.de>
Source record: 201183
Cross-posted to: de.comm.ham,fj.rec.ham,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.shortwave

Hallo Sascha,

> (ich gebs lieber direkt zu,das ich kein Amateurfunker bin)
>
> Aber genau diesen Umstand mi¿½chte ich i¿½ndern und suche deshalb den
> ni¿½chsten DARC im Raum Daaden-Burbach-Betzdorf ....

Das einfachste ist, Kontakt mit dem DARC in Baunatal (bei Kassel)
aufzunehmen. Die koennen Dir den naechstgelegenen Ortsverband nennen. Die
Adresse ist:

Deutscher Amateur Radio Club
Postfach 1155
34216 Baunatal

Telefon hat man dort auch: (0561) 94988-0
(die Faxnummer kann man Dir dann dort sagen).

Viel Erfolg!
Bernhard, DL4MHK

--
--... ...-- . ... --. .-.. -.. . -.. .-.. ....- -- .... -.- ...-.-
_ phone:++49-89/5902-248 email: beh@anorg.chemie.uni-muenchen.de
|_) |_| http://www.chemie.uni-muenchen.de/ac/boehm/beh.html
|_)ernhard | |ailer ham: DL4MHK (try http://www.tu-muenchen.de/dl0tum/ !)

2417. New Anonymous Remailer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: privacy@interlink-bbs.com
Message-ID: <9605141451.D8038Vx@interlink-bbs.com>
Source record: 201184

You may be familiar with anon.penet.fi, which give you an
anonymous account.

Our service allows YOU to choose what the return address will be!

Please write for more info.

2418. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_832159577@rtfm.mit.edu>
Source record: 201185
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb,
rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet
mailing list counterparts and complements. It is intended to serve as a
guide for the new reader on what to find where. Questions and comments may
be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October
1994 to add the discussion of non-Usenet mailing lists and streamline most
of the history discussion, and to change the moderator information for
rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became
progressively higher. First one by one, and then as part of two
reorganizations, what was once one group became many. In the process,
developments elsewhere on the net were reflected in the groups as they were
created, most notably the change to place all of the ham radio groups in one
hierarchy.

The collection of newsgroups continues to grow as more people join the net,
and as more topics of discussion gain volume, I expect to see more groups be
created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the
notable exception being rec.radio.swap. There are also a few mailing lists
that don't have newsgroups.

The Current Groups
==================

It's important to post messages to the group that's appropriate for them,
and not to the groups that aren't. The whole idea of having different
```

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

2419. Where to buy parts for old kenwood?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: otey@marconi.ih.att.com
Message-ID: <4ncgp9$j8g@ssbunews.ih.att.com>
Source record: 201186

Could someone please recommend a parts dealer. In particular I am looking
for the final PA in a Kenwood TR-9130.

Thanks in advance,

Dennis Otey, KB9LGZ
dotey@attmail.com

2420. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: rpeebles@ix.netcom.com
Message-ID: <4nch16$kco@dfw-ixnews8.ix.netcom.com>
Source record: 201187
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In <5e7cc$11271c.2ce@NEWS> mouer@mail.ameritel.net (Dan Mouer) writes:
>
>I have a few questions about the Kulglass Antennas (Larsen) sold by
>Ham Radio Outlet. I am specifically interested in either the KG144PL
>(2m), or the KG2/70PL (2m/70cm).
>
>1. Are glass mount antennas any good? I am using an HTX-202.
>2. Does anyone have any experience with these two antennas?
>3. Is the SWR a problem with this type of antenna?
>4. Do these things really stay glued onto the glass at 'highway
> speeds'?
>5. The window I would place it on has some tint ('94 Toyota truck w/
> extend cab), would this be a problem?
>

I've had a KG 2/70 on my 94 Integra GS-R for a couple of years. It works about as well as the NMO 2/70 I had on my previous vehicle. The peformance on UHF is acceptable, but a 2 meter 5/8 wave mag mout will kick its butt.

It appears that Larsen changed the design somewhere along the run of the KG 2/70. The newer antenna is slightly shorter, and from what I understand the outside coupler has been redesigned so there aren't any internal adjustments. A friend of mine also has an Integra and he has the new style mounted in the same fashion I have mine, using the same radio we've found that between the old desgin works a lot better on 2 meters, however UHF seems to be about the same.

With my antenna the SWR on 2 meters is about 2.5:1 throughout the entire band, on UHF it does actually drop below 1.5:1.

I drive "briskly", and the antenna stays on just fine. Just make sure that you clean the glass without leaving any residue and attach the antenna to warm glass.

Water can get inside the outside couple. When that happens it works about as well as a Cantenna. Then you'll have to take it apart, dry it out, and put it back together with RTV.

All in all, the antenna works ok for what it is, but I would only use one as a last resort. The next time I buy a car I'm going to consider my antenna options before I go on a test drive.

--
Rob Peebles, WD8LXX

Dublin, Ohio

2421. Alinco DR-590 info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: vk2gjt@netwit.net.au
Message-ID: <4ncjor$mq3@klf.netconnect.com.au>
Source record: 201188

Hello all,

Some time ago I vaguely recall information regarding modifications
that can be done to an Alinco DR-590 to correct the temperature
sensitive squelch setup within the radio. Does anyone know anything
about this?

Also, same radio. I have noted that after a time of operation the
received signal, particularly on 2m tends to drop away somewhat.
Still don't know if there is a problem with the local repeater or if
it is the radio. Does anyone have any idea with that?

Finally, does the Alinco company in the USA have an e-mail address or
a web page?

Thanks for tolerating all my questions.

Cheers,

Greg Towells
Gregory J. Towells |Cowra:
VK2GJT |Where kangaroos and cars
Cowra, New South Wales, Australia |come together :-))

2422. Re: Motorola Max Trac 800 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: jchapman@freenet.columbus.oh.us
Message-ID: <4nckoa$d1o@acme.freenet.columbus.oh.us>
Source record: 201189

Ken Cochrane (kdisk@hooked.net) wrote:
: Hi, I was given several Motorola Commercial radios with the modle # Max Trac
: 800. What frequencys do these radios cover? Can they be programmed to
: operate on the Ham bands (2m or 70cm) and lastly, what are they worth,
: assuming they work. They appear to need programing to work> Thanks and 73.
: KD6ISK
800 MHz, conventional and Type I trunking, maybe type II if the right
firmware is installed. So, no to ham VHF and UHF work, it may be able to
do some 900 MHz, but I think it is outside of the specifications. You may
be able to get $100 for them, if someone needs the unit...

Have fun!

--
--*-*-*-*-*-*-*-*-*-*-*-*-*-
John Chapman WB8INY
Ohio Section ARES, District Emergency Coordinator, District 7
http://ourworld.compuserve.com/homepages/wb8iny (try it, you'll like it)

2423. Re: Info needed on Vibroplex Keyers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: admin@hoptechno.com
Message-ID: <4ncpoa$8hi@stratus.skypoint.net>
Source record: 201190

In article <4nadv3$1oo_001@news.ni.net>, gwittig@microsys.net (Greg Wittig) says:
>
>Is there any info on how to date Vibroplex Morse keyers? I have two I believe
>are old both have grey basses one is a paddle type its serial number is 126433
>the other is a button type and it says Zephyre on the bottom.
>Thanks Greg

FWIW I have a chrome vibroplex, red paddles, #240271 which says Original de Luxe
on the bottom.

This was bought around 1961 I think.

Phil

2424. My TEN-TEC 2 meter kit arrived

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: <>
Message-ID: <4ncq38$mm2@mozz.unh.edu>
Source record: 201191

My TEN-TEC (T-Kit) 2 meter mobile kit arrived yesterday, and I have to say I am very impressed with it so far. It is about 1/3 assembled now, and I'm looking forward completing it.

The quality of the kit and the detail of the documentation is excellent. I'm glad to see that someone has finally come out with a 2 meter radio that combines simplicity, quality, and a good price. Good job TEN-TEC.

Andrew M. Moore

2425. TH48A 900Mhz key sequence needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Larry Rothman <larryr@tor.comm.mot.com>
Message-ID: <3199D027.4813@tor.comm.mot.com>
Source record: 201192

A friend of mine has a Kenwood TH48A UHF handheld. At one time, he was able to key in a sequence to turn on the 900Mz receive capability. He had to reset the unit and has forgotten the key sequence.

Can anyone help here please?

Also, are there any other modification archives out on the internet that aren't mirrors of QRZ or OAK?

Regards,
Larry Rothman

2426. Re: 1969 RCA Radio/Phono

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: rbl@po.cwru.edu
Message-ID: <4ncr0j$9b9@madeline.INS.CWRU.Edu>
Source record: 201193
Cross-posted to: sci.electronics.repair,sci.electronics.equipment,rec.radio.amateur.equipment,rec.antiques.radio+phono

In article <31993710.3295@execpc.com>,
Chuck Curran <ccurran@execpc.com> wrote:
>We are trying to repair a RCA Model VMT 68S stereo set, I guess
>just to see if we can. It has an AM-FM chassis #RC 1238A and Preamp
>chassis #RS-239.
> The problem is the available schematics we've found show some
>undocumented sections, which are those late sixty's style "thich film"
>integrated circuits based on a ceramic substrate, sorta like what Sprague
>made for years. What I hope to get a lead on are the following parts:
>
>Z604 P/N 130315 (1410514-1) AF Amp
>
>Z605 P/N 130334 (1410503-1) AF Amp
>
>Z601 P/N 130313 (1410504-1) AF Amp
>
>Z401 P/N 127982 (1462869-501) AF Amp
>
>
> If anyone might be able to suggest a source for the circuits
>inside these modules, it would really help. RCA indicated they no longer
>support this type of equipment or have any information. A Sam's
>Photofact for this unit is dated September of 1970 so it was probably
>built in about 1969. Sam's just has the little old squares with the
>leads going inand out but no details on the module itself. Thanks in
>advance if you have any idea where to get a schematic of the insides of
>these!
>
>Chuck WA9POU

When all else fails, I always try Fox Radio International, 800-321-6993
FAX 800-445-7991. Sometimes the results have amazed me.

Rob Lake
Environmental Modeling Inc.
rbl@po.cwru.edu

2427. LC notch filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Matt Rosenberg <matt@www.wulaw.wustl.edu>
Message-ID: <3199F1F1.32E7@www.wulaw.wustl.edu>
Source record: 201194

I cannot find my handbook. Could someone please give me the formulae
for a simple notch filter given a known impedence, notch frequencies (lo
& hi), and required attenuation for the stop band? I appreciate it.
Thank you.
--
==========
Matt Rosenberg
Washington University School of Law
St. Louis, MO, USA

N0TAQ
matt@www.wulaw.wustl.edu
http://www.wulaw.wustl.edu/~matt/
==========

2428. 2M Amps without relays

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: rma@mtgzcs5.mt.att.com
Message-ID: <4ncqao$3m1@nntpa.cb.att.com>
Source record: 201195

I have an old trusty Mirage B-108. It has been an
excellent piece of equipment for 2M FM, SSB, and CW.

Now that I've gotten into packet, the B-108's t/r
switching, which is relay based, is irritating.
Ka-chunk! Ka-chunk! every couple of seconds.

I also have a Ramsey PA-10 which uses PIN diode
switching, and I -love- the silence in comparison
to the B-108. The downside is that the B-108
delivers a lot more output, and has a better
preamp.

Q1: Does the current Mirage product line still
use t/r relays?

Q2: Can anyone recommend a medium power amp that
uses solid-state switching? I'm looking for an
amp in the 2W in --> 100W out category.

Q3: Does anybody have any comments about the new
Tucker 2M amps, especially the higher power (100W)
one? Relays?

Thanks much, and 73s!

Rich

2429. Re: Alinco DR-590 info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: bstevens@moran.Mines.EDU
Message-ID: <4ncrih$nq6@magma.Mines.EDU>
Source record: 201196

Gregory J. Towells (vk2gjt@netwit.net.au) wrote:

: Finally, does the Alinco company in the USA have an e-mail address or
: a web page?

For www just hit www.alinco.com (I believe).

B

2430. Re: FT50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4ncutg$46b@nntpa.cb.att.com>
Source record: 201197

In article <546.6708T1051T2642@nycmetro.com>, midgard@nycmetro.com says...
>
>>In article <4n9fcj$61u@dfw-ixnews10.ix.netcom.com>, string@ix.netcom.co
>>says...
>>>
>>>Anyone have any information on the FT-50?
>>>
>
>>What do you want to know?
>
>Hows the Audio on the FT-50 in extended receive frequencies?
>
>
><tsb>
>
>

Mt FT-50 has great receive audio. In fact, it has the best receive audio of any amateur band handheld I have ever owned. I also listen to public safety traffic on high band, 460 MHz, and 800 MHz, and the audio sounds great in these ranges as well. There does not appear to be any degradation in audio quality when I use it to listen to public safety and other transmissions outside the amateur bands.

2431. Hammarlund HF-30-X

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: daveb@ihr.mrc.ac.uk
Message-ID: <DrG3x0.5n7@cs.nott.ac.uk>
Source record: 201198

Can anyone help find the value of a Hammarlund HF-30-X variable
capacitor.
It is used in a 6metre stripline filter in the ARRL handbook
interference section.
I know I could tinker around with different values of C to get it
working but someone out there knows the answer already.
Please tell! thanks... Dave G6UWO

2432. LL Service Monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: cn1135@abaco.coastalnet.com
Message-ID: <4ncvgl$o4q@treasure.coastalnet.com>
Source record: 201199

Thanks for reading.

I have acquired a Lampkin Laboratories 107C Service Monitor. It is pretty ancient and the manufacturer is most probably out of business. I am looking for the engineering manual(schematics, etc.). I have the simplified operating instructions. If you have any info, or remember using this antique, please give me a shout.

Thanks again,

Mark Prescott
cn1135@coastalnet.com

2433. New Morse Tutor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: u9324852@uea.ac.uk
Message-ID: <u9324852-1505961131320001@graphicslab5.sys.uea.ac.uk>
Source record: 201200

I have recently written a Window based Morse code tutor called MYNMorse
for my final year project at university.

It uses the Koch method of learning (see the articles on learning code by
Dave Finley, N1IRZ at the following URLs:
http://hawk.nmt.edu:80/~bateman/sara/finley.morse.html
http://hawk.nmt.edu:80/~bateman/sara/finley.sm404.html

I am just seeing if there would be a market for such an application.

Comment Please?

Chris George (G7MYN)

2434. Yaesu FT51 Extended Receive and Intermod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: "R. Troy Monaghen" <troy@mcs.net>
Message-ID: <3199DC88.4A4@mcs.net>
Source record: 201201

I have an FT51 and I was wondering if enabling/disabling the
extended receive has any affect on intermod rejection. There
is an area that I pass through as I drive to work where I seem
to pick up alot of intermod. I tried turning off the exteneded
receive mode to see if I noticed a difference and I did not really
notice any difference... but one quick test is hardly conclusive.

Anyone have any information or experiences with this?

Thanks in advance for any replies.

--
R. Troy Monaghen, KB9KMW
troy@mcs.net
http://www.mcs.net/~troy/

2435. Re: Fw: More facts on (Best Dual-Band Handheld)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <1007.6708T1421T1712@nycmetro.com>
Source record: 201202

>lpvwwwtp@cencom.net wrote:

>>Hi,
>> I called Radio City (which was the only ham outlet open after 6:00pm)
>> and I
>>got hold of a intelligent sounding operator who I squeezed acouple of facts
>> out of.

> I'm looking for my first Ham rig, and I wanted to know:

> A) What is Radio City's phone number

> -and-

> B) By any chance, do they have a preferably free catalog I can get?

> Thanks,

> -Craig D. Kollai E-mail: Craig@Kollai.com
> Visit my web page at::
> http://www.cybergate.com/~ckollai/homepg1.htm

Craig pickup a copy of CQ and/or CQ-VHF at the newstand. Lots of Ad's in there
for Radio's and assorted equipment.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2436. Re: Opinions on SSB/CW filters (Drake TR7)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Robert Morris <robrk@fyi.net>
Message-ID: <319A6A88.30C4@fyi.net>
Source record: 201203

Chris Dorn wrote:
>
> Hello,
> I am currently using a Drake TR7, and am interested in opinions on
> filters for CW use. I have a 300Hz CW filter that I find to be useful,
> but very narrow, and am wondering about a filter for more casual CW use.
> I have room for one more filter in the rig, and am wondering which would
> be the best choice between a 500Hz filter or a 1000Hz filter. I
> understand that the 1000Hz filter is maximized for RTTY, but I am
> wondering whether it might be okay for casual CW and very sharp SSB. In
> this regard it would be quite versatile, offering an intermediate filter
> between the 300Hz and 2100Hz SSB filter. Or, would the 1000Hz be too wide
> for CW and too narrow for sharp SSB? In this case perhaps the 500Hz would
> be the best choice. Or would it not offer much advantage over the 300Hz?
> I would appreciate any feedback from TR7 owners who have familiarity with
> these filters, or any opinions from other rig users who have used similar
> filters.
> Thanks,
> Chris VE6RDC

Have not heard of a 1000kc filter... I have a 1800kc in my TR7
and find it usefull for tuning cw..Cuts the noise...and is there
when you need it for SSB. Be sure to make use of the PBT..on any
filter...to move the CW note or SSB pitch where you like it or
can copy the best...

GL...Bob..k2rk

2437. Re: YAESU AT-180 Tuner (for IC-706)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ndfme$b1p@crash.microserve.net>
Source record: 201204

turner@safety.ics.uci.edu (Clark Savage Turner) wrote:

>Well taken. The Ten Tec cannot (of course!) put out full power into
>any load. They make an advertising claim that more power goes into
>the antenna with higher SWR than the radios with SWR foldback
>protection. I have never investigated the truth of this claim,
>though it seems plausible. Ten Tec does not use SWR to foldback the
>power, they check the current draw and shut down the power supply if
>it goes too high.

This makes me wonder if there's a particular range of impedances
(below 50 ohms) that could cause heat damage to the finals, but
without tripping the supply. Also, will these rigs transmit into
an open without damage?

73,
Jack WB3U

2438. looking schema

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: eric hubert <d0012859@pratique.fr>
Message-ID: <4ndhga$jir@s3.iway.fr>
Source record: 201205

```
hello
iam want a schema of amplificateur uhf from mirage type b215g
thank for help
eric email ehubert@pratique.fr
```

2439. Re: Opinions on SSB/CW filters (Drake TR7)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: Chester Bowles <bowles@cmf.org>
Message-ID: <4ndim7$kgm@news.monad.net>
Source record: 201206

While I don't have a Drake, my TenTec has 2400, 1800, and 500 Hz filters. I guess you might need something more narrow if you are running big pile-ups and want to tune the rabble out. But for the casual user and the casual contester, I think 500 is about as narrow as you would need to go. Personally, I've never wished for anything more narrow.

As to SSB, I occasionally use the 1800 filter when conditions are poor. But the audio quality does, indeed, suffer. 2400 is MUCH better. I can't image that you would be happy with 1000 for voice at all. I tend to use the 1800 to "listen around" on CW and to listen for answers when I call CQ. If there's no adjacent interference, I leave the 1800 filter in place. I only switch to the 500 if conditions are bad or if I need to tune out a nearby station.

For my money, if I only had two filters, I would opt for a 2400 and a 500/600.

Chet, AA1EX

--

--
CHESTER S. BOWLES	Education, rehabilitation, housing,
Vice President	and managed care for children,
Crotched Mountain Foundation	adolescents and adults with physical
One Verney Drive	and developmental challenges.
Greenfield, NH 03047	http://www.cmf.org
603.547.3311 ext. 404	bowles@cmf.org
--

2440. Re: Wanted: First rig advice for Technician License

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: bowman@montana.com
Message-ID: <4ncshq$7nf@maw.montana.com>
Source record: 201207

In article <4mvgea$vv7@galaxy.cybergate.net>, ckollai@cybergate.net (Craig D. Kollai) says:
>but I can't afford anything over $400 right now. I would like to find
>something used, If possable, at around $200, witha smaller antenna.

the radio shack HT202 should still be on sale for under $200. it hears as well, or better than, anything i have.

>My biggest question is, what band should I go for? I want to start
>using phone, and I was thinking either 2 meter or 1.25 meter

1.25 really isn't a choice. 2m can be crowded in some parts of the country. 70cm tends to be sparsely populated in some areas, or the repeaters are generally closed in places like l.a.

you really need to find some local hams, and see what they are doing. ignoring some of the uhf/vhf stuff you may eventually get into, think in terms of a 50 to 100 mile radius as your operating area.

> Thansk for your advice, either posted or E-mailed here, I appriciate
>it!
>
>
> -Craig D. Kollai E-mail: Craig@Kollai.com
> Visit my web page at::
> http://www.cybergate.com/~ckollai/homepg1.htm
>
>

2441. Need info for Emperor TS-5010

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: griffin@jgfl1.allcon.com
Message-ID: <DrGILE.15J@jgfl1.allcon.com>
Source record: 201208

Hi, all!

I just bought a used Emperor TS-5010 without microphone
and without manual. Could someone email me the description
of the mic connector, please.

Thanks in advance,
Jens, DB9LL
--
Do _YOU_ know where your towel is?

2442. Opinions on SSB/CW filters (Drake TR7)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4nd9gc$1kvq@pulp.ucs.ualberta.ca>
Source record: 201209

Hello,
I am currently using a Drake TR7, and am interested in opinions on filters for CW use. I have a 300Hz CW filter that I find to be useful, but very narrow, and am wondering about a filter for more casual CW use. I have room for one more filter in the rig, and am wondering which would be the best choice between a 500Hz filter or a 1000Hz filter. I understand that the 1000Hz filter is maximized for RTTY, but I am wondering whether it might be okay for casual CW and very sharp SSB. In this regard it would be quite versatile, offering an intermediate filter between the 300Hz and 2100Hz SSB filter. Or, would the 1000Hz be too wide for CW and too narrow for sharp SSB? In this case perhaps the 500Hz would be the best choice. Or would it not offer much advantage over the 300Hz? I would appreciate any feedback from TR7 owners who have familiarity with these filters, or any opinions from other rig users who have used similar filters.
Thanks,
Chris VE6RDC

2443. WWW Pages

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <319a1db8.4049202@news.innotts.co.uk>
Source record: 201210

Still going strong: 9000 visitors soon and rising. Don't
fail to visit:

http://www.innotts.co.uk/~asperges/

the G4NJH Radio Pages in the UK. All visitors warmly welcome.

2444. Re: If money were no object

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-15 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996May15.125949.531@nad.com>
Source record: 201211

In article <4nbg5l$qmu@e-tex.com>, Bob Moody <bmoody@e-tex.com> writes:
> Phil:
>
> Try a Kenwood TS-50. If $$$ not a problem, buy 2 spares and mount
> all 3 of 'em in different parts of the boat for your convenience.
> 73, Bob Moody K7iRK <bmoody@e-tex.com>
Yeah, and you'll need the spares too.
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

2445. Re: INTERFERENCE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: doc@dxnet.com
Message-ID: <319b59f4.6107824@news.dxnet.com>
Source record: 200962

In Los Angeles, the local power companies have teams that will hunt
down radiating devices.

Bad contacts in a fish tank was one offender. Dirty insulators on
power poles is much more common, esp. during rain, mist, fog, etc.

Call your local power company and ask!

Uncle T.
WA6IGJ

>On 16 May 1996 00:41:48 -0400, dhickey389@aol.com (DHickey389) wrote:
>I HAVE BEEN EXPERIENCING AN S7 NOISE LEVEL ON MY ICOM 735 LOUDEST ON 20
>AND 40 METERS. DOES ANYONE KNOW IF HIGH-INTENSITY SODIUM LAMPS INSTALLED
>IN A NEARBY SHOPPING MALL PARKING LOT COULD BE THE SOURCE ?

2446. Radios for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: nwald@interaccess.com
Message-ID: <nwald-1605961834570001@d123.cloud.interaccess.com>
Source record: 200963

Here is a short list of some items I have for sale.
Please tell me a price you think would be fair for items that do not have
a price attached.

Collins 30L-1 - 1KW input amplifier (sn NA)
Collins 30L-1 - 1KW input amplifier (sn NA)
Collins 312B-4 - station control, speaker (sn 1179)
Collins 312B-4 - station control, speaker (sn 55319)
Collins 32S-1 - transmitter (sn 10101)
Collins 32S-3 - transmitter (sn 13876)
Collins 516F-2 - power supply (sn 10990)
Collins 516F-2 - power supply (sn 16655)
Collins 75S-1 - receiver (sn 10555)
Collins 75S-3B - receiver (sn 15317)
Collins SM-1/630 - microphone
Collins SM-1/630 - microphone
Condition ranges from very good to dirty, but not scratched or dented.
All have winged emblem, and all have books, some original boxes.
I would like to get $1000 for each set of the Collins S Line.

Cushcraft A147-11 - 11 element 2 meter Yagi
$25

Heathkit CR-1 Crystal Receiver
Heathkit EK-1 VOM
Heathkit Impedance Bridge
Heathkit 5" Ocilloscope
Heathkit RS-1 Resistance Substitution Box
Heathkit TC-2 Tube Checker
$???

Instructograph Code Instructor, 1947 vintage with 10 tapes
$???

Kenwood AT130 - antenna tuner
Kenwood HS-5 - headphones
Kenwood PC-1 - phone patch
Kenwood PS30 - power supply
Kenwood TS130S - tranceiver
Kenwood MC30S - hand held microphone
I would like to get $600 for the above package, and would rather not
separate.

RCA Aeriola Sr, 1922
RCA Radiola AC, 1923
$???

Shure 444D microphone
$75

Shure 556C cardioid dynamic uni-directional microphone
$???

Zenith TransOceanic Royal 1000-D (with BFO & service manual)
$150

I have lots more stuff that I dont even have room to list, including 3
boxes of tubes.
Please call or E Mail me.

Norman Wald WM9X
(312) 490-6622 voice mail
nwald@interaccess.com

Norman Wald
nwald@interaccess.com
WM9X Chicago
(312) 490-6622

2447. Re: Icom z1a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4ng6s4$1kr6@news-s01.ny.us.ibm.net>
Source record: 200964

In <4nebf7$mlo@news1.slip.net>, jillngus@slip.net () writes:
>Hi all,
> Any comments on the Icom z1a ht ? Has the extended mike caused any
>reliability problems. Any intermod or other problems? thanks..gus
>wa6wbc
>

No problems because of the mic, and I like the fact that you can use a seperate speaker/mic and still detach the display for a 'remoteable HT'. It's a good feature because the remote display allows for almost heads-up type of operation in a car.

Plus the backlighting is selectable for the display/spkr-mic and keypad, or just the display/spkr-mic. I haven't experienced any intermod as of yet, although it hasn't gone into the city with me yet. Scanning speed is alot quicker than my IC-P4AT and TM-742, and is an improvement over the W21AT that I owned last year.

If your're used to HT's with a seperate volume and squelch knob for each band, then the W31 or Z1A are going to seem awkward at first. The center of each of the 2 knobs is a tuning dial for it's respective band, while the outside ring is the squelch control for that band as well. To change volume you have to press the volume button and then use the tuning knob to set the desired band.
What helps is that you can have a pre-set volume in each band (using the SET mode) and there's also a mute function that mutes both bands.
Although if you're used to the Kenwood 79A(d), then you should be used to this awkward way of controlling the bands.

The keys are bigger than the norm and are spaced well, especially for Icom, and the display and keypad backlighting are more than generous. The US version comes with the PL decoder option installed, as well as the BP-180, a 7.2v 600ma pack (which gives you more power output than the 2 4.8v optional packs). Icom also gived you the really cool looking duckie, it's nearly a foot long, and I wouldn't be surprised if it's the same one that they used on the good ole' W2A model. It provides better gain on UHF then my set of Smiley's.

The drawback on getting the BP 180 is that it requires the soft case that only fits 2 of the 5 batteries that you can use on the Z1, so if you wanted to get the 950ma long life pack, then you'd need the second case. (at least if you're like me and have to have a case to fit every radio with every battery).
One drawback with seperating the front panel from the rig, is that the front panel/speaker mic is now not protected by a case. Icom should have realized this and come out with a case for the display part when used seperate from the rig.

I like the alpha-numeric display, but it's too bad that you have to sacrifice displaying channel numbers for channel names, they're mutually exclusive.

All-in-all, it's a very solid performer, although when you use the tuning dials, the click almost makes the case sound like it's hollow, or made of some flimsy plastic, but I can assure you that it's not really the case! (No puns intended!)

I like my Z1A, especially with Icom's $100 rebate one can only wonder why someone would pay an additional $100 for the W31 (or any other HT for that matter).
Good luck!

Steve W.
N2RWE

2448. Re: Yaesu T-1000MP gen coverage tranmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Dave Norton <dave@diecast.demon.co.uk>
Message-ID: <U2UTqEABS5mxEwdx@foobar.co.uk>
Source record: 200965

In article <4nfo1d$t3v@solaris.cc.vt.edu>, Jim Overfelt <jimo@vt.edu>
writes
>How is the FT-1000 MP modified to transmit in general coverage?
>
Turn the radio with the FAST and the LOCK key pressed at the same time.
then press the FAST and the ENT key to access the menu.
then go to menu 9-9 and set it to GEN then press ENT to get out. To get
it back
to normal repeat the steps and select 15 instead of GEN.

Snipped From a previous posting

Cheers

Dave
Dave Norton - Gï¿½UHI
dave@khn.foobar.co.uk

2449. Re: Pocket Morse Code Trainer - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Jim Wagner <jimw@nando.net>
Message-ID: <319BDB04.5BFD@nando.net>
Source record: 200966

flanagan@genie.com wrote:
>
> I personally like the CAT Ultimate Morse Tutor with the 16-character LCD
> display. The ability to have it play 16 random characters and then check
> your copy against the display is worth the price of admission alone. It is
> only the size of a pack of cigarettes and with the quite adequate built-in
> speaker or an earphone, you can use it anywhere and any time. It has its
> flaws, but IMHO it is the best for someone looking for a practical trainer.
>
> Standard disclaimers apply. YMMV.
>
> --
> Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

Thanks, Dick.

Have you read the reviews of the CAT in the DEC 1995 QST? If so,
how did their experience compare with yours?

Did you use the CAT to build your speed up for an upgrade? That's
sort of what I am hoping to do and why I started this thread.

73 de Jim, N4SVZ

2450. Re: Kenwood TS-850

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: rogerjb@earthlink.net
Message-ID: <4ngeac$iqv@bolivia.it.earthlink.net>
Source record: 200967

In <4ng1bi$jtt@news.mountain.net>, jbeavers@access.mountain.net (John Beavers) writes:
>
>A friend of mine has a TS-850 for sale. Just wondering what it is worth. I
>don't know if it has a tuner, etc.

I'm not going to estimate a price, but here is what to look for:

1) Does it have the built in tuner? This is very important.
2) Which filters does it have? The 850 can manage up to 3 filters.
They make a huge difference on the digital modes and CW, the 1.8Khz is nice
for SSB.
3) The TCXO is nice for the digital modes.

There are other goodies, but these are some of the critical ones. FWIW, the
850 still approaches being as good a rig as money can buy. It lacks
the fancy inboard DSP of the 870, or the dual receive of the 950SDX, but
otherwise, it is unsurpassed. These features are things many can live
without. I love my 850 and am not about to upgrade based on what is
presently out there. Now when the KW 890 comes out in about 5 years,
well....!

As you can perhaps tell, I think that the 850 is a GREAT radio!!

Roger J. Buffington
AB6WR
USC Law School Class of '97

rogerjb@earthlink.net

"I want to die peacefully, in my sleep, like my grandfather.
Not screaming, and in terror, like his passengers."

2451. Re: INTERFERENCE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <319BFFBA.378F@worldnet.att.net>
Source record: 200968

Another source of RFI from a common appliance is the "Touch Switch" type lamp (the kind that you touch the base to turn the lamp on and off). The RFI appears in bands about 50KHz wide and spaced about 200KHz apart throughout the HF bands. It has a raspy, buzzing sound and occurs when the lamp is plugged in even when the lamp is switched off. I had RFI from one belonging to a neighbor several houses away. The signal is coupled to and radiates from the power lines so it can be a problem for quite a distance. Bob K4LXA

2452. Re: Kenwood TS-850

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <319BCF26.1E50@ix.netcom.com>
Source record: 200969

John Beavers wrote:
>
> A friend of mine has a TS-850 for sale. Just wondering what it is worth. I don't know if it has a tuner, etc.
>
> Thanks,
> John Beavers, NS8U

Hi John. You can see what others are asking for rigs by going to Da Ja News at:
http://www.dejanews.com/forms/dnq.html

Following is a snip from Da Ja News:

"I am selling the following:
TS-850 SAT w/500hz CW filter - 1200.00"

73
Rod
--

A Man May Know Of The Whole World Without Leaving The Shelter Of His Own Home.
..... Loa Tsze

Hark! For I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus?
..... AC6V

2453. Ameritron 811 Hookup

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: armck@magicnet.net
Message-ID: <4ngsq8$jrk@comet.magicnet.net>
Source record: 200970

I have a Ameritron 811 amplifier to hook up to a Yaesu FT-840, and would like to know if there are any special connections other than the ALC and the coax. If so please let me know what has to be done. Don't want to ruin either piece......Thanks

Ray - KE4UYN - Orlando, FL

2454. Re: Yaesu FT51 Extended Receive and Intermod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4nglek$r0@newsbf02.news.aol.com>
Source record: 200971

It won't make any difference...if you are trying to use the 51r mobile I can highly recommend getting the PAR intermod notch filter...abt 60 dolllars or so...they advertise an the QST classifieds. Works great on my 51r...radio is now usable in areas where before all I got were squeals and howls. I am in Jacksonville FL area.

73's and good luck!
Mike KS4DA

2455. Do you know KA1BSZ from Vermont, USA ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: f_harris@oz.plymouth.edu
Message-ID: <4ngkhc$b5b@oz.plymouth.edu>
Source record: 200972

```
Just curious, e-mail me directly..

--
dldhjgdf
```

2456. Santec 144up 2 meter HT; What's it worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Denny Alford <alforkd@occ-uky.campus.mci.net>
Message-ID: <319C066D.4BE9@occ-uky.campus.mci.net>
Source record: 200973

What is the value of a Santec 144up 2 meter HT with desk charger? It has 3 power levels, is a synthesized, 10 memory HT programable with touchtone keypad. It is in very nice condition.

2457. Re: Wireless Telephones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <brivdvx35s.fsf@xmission.xmission.com>
Source record: 200974

In article <4mtgj3$n7p@panther.unisys.com.br> tmilko@unisys.com.br (TM) writes:
I'm looking for a wireless phone which has a long range reach, to be...

The AT&T Digital Cordless 9300 phone costs $210 at Sears and uses digital spread spectrum transmission. With the base in my house, I can use the phone not only in the garage, but also in a neighbor's house way down the street (about 100 yards away). That's about the extent of its range. Not bad. I guess the older 9100 model is digital but does not use spread spectrum, and does not have the same range.

Anyone know of other cordless phone models that use spread spectrum? How about the possibility of using such equipment under amateur service rules, with amplifiers, e.g. for computer networking? (I guess the WaveLAN 2Mbps product also uses spread spectrum in either the 900MHz or 2GHz bands depending on the model.) A friend said something about differences in Part 15 and Part 97 with respect to spread spectrum, but I don't know the details yet.

2458. Mods for DJ191 wanted...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: pu2uep@unix.bhnet.com.br
Message-ID: <4nfmt1$63r@bunyip.cc.uq.oz.au>
Source record: 200975

Hello everybody!

I just receive the new DJ191 HT. Now, I m looking for mods to open the
TX band (by default 144~148) for use it in may job also.

Any help will be wellcome.

Thank you in advance.

Demilson Quint o - PY2UEP

2459. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: kirk@neptune.gsfc.nasa.gov
Message-ID: <4nfemu$d6c@post.gsfc.nasa.gov>
Source record: 200976
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <5e7cc$11271c.2ce@NEWS>, mouer@mail.ameritel.net says...
>
>I have a few questions about the Kulglass Antennas (Larsen) sold by Ham Radio
>Outlet. I am specifically interested in either the KG144PL (2m), or
>theKG2/70PL (2m/70cm).
>
>1. Are glass mount antennas any good? I am using an HTX-202.
Yep, no problem even if I use my HTX202; gets as far as everyone else.
>2. Does anyone have any experience with these two antennas?
Applies to 2/70
>3. Is the SWR a problem with this type of antenna?
Good SWR
>4. Do these things really stay glued onto the glass at 'highway speeds'?
You betcha. I even snap it under my garage door every night & morning.
>5. The window I would place it on has some tint ('94 Toyota truck w/ extend
> cab), would this be a problem?
May be a major problem; they advise against it.
>
>Any other info is appreciated.
Larson had some trouble with the 440 performance of the 2/70. The
recent ones are fixed.
>Thanks.
>
>-Dan (N3XJN).
>
Bob Kirk
N3OZB

2460. Kenwood SM-220

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: COLERK@spotva.potsdam.EDU
Message-ID: <01I4RQ8QIJJ6B121J7@spotva.potsdam.edu>
Source record: 200977

Greetings...I have the SM-220 Station Monitor with the BS-8 Pan Display option installed that I would like to offer for sale. Unit is in very good condition, presently using it with the TS-850. Asking $450.00...if interested please reply here or 315-268-1810......73....Roger/N5IFH.

2461. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <4nfcg3$m4g@ornews.intel.com>
Source record: 200978
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4ne90m$m2n@news1.slip.net>, rong@204.160.88.10 says...
>I have had a 2M Larsen glass mount on my vehicle for a few years. After
>about 5 years the glue loosened up and the thing fell off.

> I don't know about tinted windows. I
>understand that old glass is better to mount it on because it has
>microscopic pits that the glue will adhere to.

One hint passed along from one of Larsen's engineers is to thoroughly
scrub the area to which the antenna will be installed with Bon Ami and
a wet sponge. This scrubs off any Rain-X-type material which the
factory may have applied. I've found that once the area has been
scrubbed enough so that the water no longer beads on the application
area but films across it, the antenna will stay installed.

Just be sure to wash the Bon Ami residue off the rest of your car once you're done!

73's,
Collier Chun
NM7B

2462. Catalogers USA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: admin@hoptechno.com
Message-ID: <4ndrak$nns@stratus.skypoint.net>
Source record: 201132

Can someone recommend a US cataloger for Ham Gear that provides good pricing. 800 or fax number (or email) appreciated.

Phil

2463. Re: New Morse Tutor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: klneal@concentric.net
Message-ID: <319a7c8d.6867104@news.concentric.net>
Source record: 201133

On Wed, 15 May 1996 11:31:32 +0100, u9324852@uea.ac.uk (Chris George)
wrote:

>
>I have recently written a Window based Morse code tutor called MYNMorse
>for my final year project at university.
>
>It uses the Koch method of learning (see the articles on learning code by
>Dave Finley, N1IRZ at the following URLs:
>http://hawk.nmt.edu:80/~bateman/sara/finley.morse.html
>http://hawk.nmt.edu:80/~bateman/sara/finley.sm404.html
>
>I am just seeing if there would be a market for such an application.
>
>Comment Please?
>
>
>Chris George (G7MYN)

Hi Chris

Can you give us more information on your program?

Ken Neal
KBSAV

2464. Re: 1969 RCA Radio/Phono

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: johntrum@netonecom.net
Message-ID: <319a8f81.24315627@news.netonecom.net>
Source record: 201134
Cross-posted to: sci.electronics.repair,sci.electronics.equipment,rec.radio.amateur.equipment,rec.antiques.radio+phono

rbl@po.cwru.edu wrote:

>In article <31993710.3295@execpc.com>,
>Chuck Curran <ccurran@execpc.com> wrote:
>>We are trying to repair a RCA Model VMT 68S stereo set, I guess
>>just to see if we can. It has an AM-FM chassis #RC 1238A and Preamp
>>chassis #RS-239.
>> The problem is the available schematics we've found show some
>>undocumented sections, which are those late sixty's style "thich film"
>>integrated circuits based on a ceramic substrate, sorta like what Sprague
>>made for years. What I hope to get a lead on are the following parts:
>>
>>Z604 P/N 130315 (1410514-1) AF Amp
>>
>>Z605 P/N 130334 (1410503-1) AF Amp
>>
>>Z601 P/N 130313 (1410504-1) AF Amp
>>
>>Z401 P/N 127982 (1462869-501) AF Amp
>>
>>
>> If anyone might be able to suggest a source for the circuits
>>inside these modules, it would really help. RCA indicated they no longer
>>support this type of equipment or have any information. A Sam's
>>Photofact for this unit is dated September of 1970 so it was probably
>>built in about 1969. Sam's just has the little old squares with the
>>leads going inand out but no details on the module itself. Thanks in
>>advance if you have any idea where to get a schematic of the insides of
>>these!
>>
>>Chuck WA9POU
>
>When all else fails, I always try Fox Radio International, 800-321-6993
>FAX 800-445-7991. Sometimes the results have amazed me.
>
>Rob Lake
>Environmental Modeling Inc.
>rbl@po.cwru.edu
>
>

If RCA no longer supplies the parts (which I have no problem finding
this true 25 - 30 years after manufacturers date) FOX will definitely
not have the parts either. There are several electronics places on

the web that advertize availability of obsolete or hard to find parts. You might try them, but, you chances are probably pretty slim. I see there is a NG called rec.antique.radio+phono on my server. If your server carries them. maybe someone there could suggest a source for the parts you are seeking.

JohnSon

2465. Re: kxn1019 channel element

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Andy Brinkley <brinkley@ols.net>
Message-ID: <4ndsse$jcv@server2.ols.net>
Source record: 201135

dalex@whidbey.net (David Alexander) wrote:
>
>i am in need of a kxn1019 channel element. anyone help?
>
>tnx dave kg7zq
>
>
David -

Which Motorola Radio does the KXN-1019 element go in?

I have elements for most all of the mobiles and some portables.

Andy N4ROX

"brinkley@ols.net"

2466. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4ne90m$m2n@news1.slip.net>
Source record: 201136
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I have had a 2M Larsen glass mount on my vehicle for a few years. After about 5 years the glue loosened up and the thing fell off. Fortunately I drive a pickup and it fell into the bed. I was easily able to remount it after going to HRO and picking up a remount kit. (Glue mainly). In spite of this occurance I would say that I am happy with it. The match is good and it gets out as well as any other 5/8 wave I have used. I do notice that it has a tendancy to rotate in its mount when it hits a tree branch but I figure that is good strain relief. I unscrews easily it desired and the whip could easily be replaced. I don't know about tinted windows. I understand that old glass is better to mount it on because it has microscopic pits that the glue will adhere to. Anyway. that is my experience. rong@slip.net - KB6GK

2467. ICOM 706....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: karl.leite@seasun.com.br
Message-ID: <19960516015921.aaaa0045m@babyblue.cs.yale.edu>
Source record: 201137

Dear Fellows:

A friend of mine, PS7MFN, own an ICOM 706 and he would like to
open range of frequency.

How to do it??? Please, any help!?!?!?!? He thanks in advance!

Any information, please, E-mail to below addresses.

Vy 73,
=-=
Karl M Leite, Natal, RN, Brasil, South America
Internet E-mails: kleite@summer.com.br
karl.leite@seasun.com.br & ps7km@amsat.org
=-=

\---
* UniQWK #1812* 3 stages of sex: Tri-weekly, Try weekly, and Try weakly.

2468. Re: Alinco DJ-G5 Freq Agility?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: peralesa@interactive.net
Message-ID: <4negts$mf9@ruby.interactive.net>
Source record: 201138

THE dualband HT works well in out of band modes for MARS
transmissions.

>oops... Grabbed the wrong model number... I ment the DJ-G5 dual bander vice
>the DJG1T 2m radio... More heat..

>> Ray D. Congdon N7HQK
>> Comm Unit Leader, Martins type II team
>> Great Basin Incident Command
>> rayc@tcd.net

2469. Re: My TEN-TEC 2 meter kit arrived

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4ne805$lrk@news1.slip.net>
Source record: 201139

As I have mentioned on this group, I have built the "Any Band" Receiver for 40 meters and it has been worth every bit of the modest price. The fun of building is back. I ordered the 9 band SW receiver and a couple of other kits from them. They are yet to arrive. I ordered another any band receiver just to put it on 80 meters. For 29.00 it is dirt cheap to have a modest receiver available. I built my own case for the first one but after checking the catalogue I ordered several cases from them since they are practically free compared to the work of building my own .(All under 10.00, some as low as 4.20.) I agree, Tec Ten has a winner in this line of low cost kits. I was tempted to get the 2 meter rig but I can't use another one. The only thing it lacks is scanning, but I could live without it for the price. rong@slip.net - KB6GK

2470. Re: Pocket Morse Code Trainer - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4neieo$o83@news1.slip.net>
Source record: 201140

OK. I have a friend that has the MFJ model and he likes it pretty well, although there was something that he did not like about it,,, I think it was the fact that he had to set something every time he powered up...maybe the speed or type of practice...but whatever it was he said that he wished the thing would remember the settings he put in the last time,,,,other than that he was happy with it...It was the first of the type and I guess that it is still one of the better ones...Ron

2471. Re: Yaesu FT51 Extended Receive and Intermod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDrH1rH.H5C@netcom.com>
Source record: 201141

In article <3199DC88.4A4@mcs.net>, R. Troy Monaghen <troy@mcs.net> wrote:
>I have an FT51 and I was wondering if enabling/disabling the
>extended receive has any affect on intermod rejection.

None at all. All it does is lock/unlock the software to tune the wider
range of frequency.

2472. Icom z1a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: jillngus@slip.net
Message-ID: <4nebf7$mlo@news1.slip.net>
Source record: 201142

Hi all,
Any comments on the Icom z1a ht ? Has the extended mike caused any
reliability problems. Any intermod or other problems? thanks..gus
wa6wbc

2473. INTERFERENCE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: dhickey389@aol.com
Message-ID: <4nebmc$7vg@newsbf02.news.aol.com>
Source record: 201143

I HAVE BEEN EXPERIENCING AN S7 NOISE LEVEL ON MY ICOM 735 LOUDEST ON 20
AND 40 METERS. DOES ANYONE KNOW IF HIGH-INTENSITY SODIUM LAMPS INSTALLED
IN A NEARBY SHOPPING MALL PARKING LOT COULD BE THE SOURCE ?

2474. Icom 775DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: S.K.
Message-ID: <4neshj$7jo@peng.ping.at>
Source record: 201144

Looking for extented TX-Mod for the ICOM 775DSP

2475. Re: FT 901 DM Mod ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4nehr5$o83@news1.slip.net>
Source record: 201145

didn't think so.......

2476. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4nf0g5$qcd@cc.iu.net>
Source record: 201146

In <4mk473$f3b@dfw-ixnews8.ix.netcom.com>, kc5egg@ix.netcom.com(Gerald Schmitt) writes:
>>Sounds silly, but make sure he's speaking into the microphone - located
>>in the bottom-right of the RS Speaker-mike. Makes a world of difference!
>>clint.bradford@atdbbs.com
>Come on Clint the HTX-202 low deviation problem is long standing and
>well known. I know you think the Tandy stuff is great but they have

however, with direct experience this weekend with a guy who was using an
HTX-202 for the first time, not speaking in the microphone will give you the same
effect. when he got back to the central location where i was at, it was noticed
that he was talking into the top part of the radio (where the microphone was
on his own HT that was out of service for the event we were working).

pushed his hand up to get him over the microphone and he finally wasn't 10-20 dB
weaker than the other stations with respect to audio in the receiver.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

2477. Pro-60 MODS NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <4nf3g8$rsj@news.ios.com>
Source record: 201147
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

I need mods for Radio Shack Pro-60.

Email: rod@venus.hili.com
Thank You

2478. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: jgozzo@mitre.org
Message-ID: <jgozzo-1605960817510001@jgozzo.mitre.org>
Source record: 201148
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I've had a Larsen 2m glass mount since 1989. The antenna works fine and the adhesive has been great. When I got a new car I removed the antenna (much work with acetone, a putty knive and lots of elbow grease) and wrote to Larsen about how to re-install the antenna. They sent me a re-installation kit gratis - contained the glass cleaner, the double-sided adhesive and isntructions.

Follow the instructions and make sure the mounting surface is clean and dry. I've never had a problem with the adhesive coming loose.

73, es cul
Jim, WG1Y

p.s. I have no connection with Larsen. They just seem to be a good company.

--
Jim Gozzo
jgozzo@mitre.org

2479. Re: Radio Amateur PAGER...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: ken.thompson@Symbios.COM
Message-ID: <ken.thompson.1265.0008E196@Symbios.COM>
Source record: 201149

we would find this feature useful **IF** any repeaters in
>our area would pass DTMF tones. They don't. Since it only works for
>simplex operation, we never use it.

If they use ACC controllers then DTMF tones can be repeated. The default prefix to pass tones is # . If it has been changed ask the owners what the code is.

2480. FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Gregg_Palmer@msn.com
Message-ID: <00001fed+000032ba@msn.com>
Source record: 201150

Does anyone out there have any specs on this radio as to mods or how far it will go out of band??

Gregg_Palmer@msn.com

2481. Re: Icom z1a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Scott Mosher <smosher@pobox.com>
Message-ID: <319B283A.48A6@pobox.com>
Source record: 201151

jillngus@slip.net wrote:
>
> Hi all,
> Any comments on the Icom z1a ht ? Has the extended mike caused any
> reliability problems. Any intermod or other problems? thanks..gus
> wa6wbc

This seems to be one of the best HT's out there (especially when you
consider the $100 rebate from ICOM). The remote mic is very
reliable...as reliable as when it's not remote... Very little intermod
(considering it's an HT)

Nice rig -- and the mods are available to make it even more capable...
--
** Scott Mosher |
Technical Support | Peace through
Cybersmith, Inc. | superior firepower!
smosher@pobox.com KB2YUC |
****

2482. HTX-202 final-transistor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: "Karl M. Gjestrum" <kytdalen@norconnect.no>
Message-ID: <319B48C2.41EE@norconnect.no>
Source record: 201152

I have a Realistic/Tandy HTX-202 2M transceiver and I have a big problem with it: When I was using the radio,
tuning up a PA, the final transistor said "goodbye". The PA transistor is a Motorola SRFH1900. It doesn't
seem to exist in Norway. Have already tried to get the transistor from Tandy, but they will not send it to
Norway, because the radio only was for sale in the States. So if anybody know where to get this transistor or
any other transistor that would work, please let me know.

Thanks in advance

2483. Yaesu T-1000MP gen coverage tranmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: jimo@vt.edu
Message-ID: <4nfo1d$t3v@solaris.cc.vt.edu>
Source record: 201153

How is the FT-1000 MP modified to transmit in general coverage?

2484. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4nfplo$4q5@rock101.genie.net>
Source record: 201154
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

kucharsk@nessie.dr.att.com (William Kucharski) writes:
>But, MAKE SURE TO FOLLOW THE DIRECTIONS. Clean the glass throughly, make sure
>you use the pre-adhesive they give you, and make sure the temperature of the
>window is in the recommended range.

Does anyone know just what this "pre-adhesive" is that Larsen uses? I have
found it to be the key to good on-glass installations and I would love to
find an independent source for it.
--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

2485. Yaesu SP-6 Speaker info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Lanny Rathert <lanana@mo.net>
Message-ID: <319B7BDD.3E44@mo.net>
Source record: 201155

I recently purchased a used Yaesu SP-6 Speaker without manual.Does anyone possibly have this manual available that they could copy? I would be happy to pay for all copying and mailing costs.Tnx in advance.

Lanny Rathert N0AJZ

2486. Kenwood TS-850

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: jbeavers@access.mountain.net
Message-ID: <4ng1bi$jtt@news.mountain.net>
Source record: 201156

A friend of mine has a TS-850 for sale. Just wondering what it is worth. I don't know if it has a tuner, etc.

Thanks,
John Beavers, NS8U

--
T T T /| | John Beavers | SD,Hugh C Boyd #119 |
D===|=|=|====< | | PO Box 359 |----------------------|
(| | |) \| | Matewan, WV 25678 | 32*, A.A.S.R |
-|-|-|- | jbeavers@access.mountain.net | R.A.M. |

2487. Re: Pocket Morse Code Trainer - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4nfq1q$4vc@rock101.genie.net>
Source record: 201157

I personally like the CAT Ultimate Morse Tutor with the 16-character LCD display. The ability to have it play 16 random characters and then check your copy against the display is worth the price of admission alone. It is only the size of a pack of cigarettes and with the quite adequate built-in speaker or an earphone, you can use it anywhere and any time. It has its flaws, but IMHO it is the best for someone looking for a practical trainer.

Standard disclaimers apply. YMMV.

--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

2488. Re: TenTec 2M->6M Xvrtr?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: ddenter@nortel.ca
Message-ID: <4nfnta$d5h@bcarh8ab.bnr.ca>
Source record: 201158
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4ne7hm$del@nnrp1.news.primenet.com>,
markem@primenet.com (M. Monninger) writes:
>Has anyone built the TenTec 2M-to-6M transverter? I'm thinking about buying
>one to get on 6M FM. I'd be interested in hearing opinions/experiences about
>it. If it's as good as the 20M-to-6M unit it should be worthwhile.
>

I have one, but it is currently sitting in its box on the bench
waiting to be assembled. The manual looks very thorough and
well laid out. They did have some problems sending it to me,
seems its a very popular kit, mine was backordered (but still
only took about 4 weeks to get to me).

I'm going to try to get started on it this weekend, send me a
message Tuesday if you want to know how far I got.

later,
Dean.
--
Dean Denter work -> ddenter@nortel.ca
VA3CDD play -> ddenter@magi.com
[[[[[[[[[[[[[I speak only for myself]]]]]]]]]]]]]

2489. Re: Kenwood DSP-100, any comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Keith Hester <ks9c@itis.com>
Message-ID: <319BAD9C.219E@itis.com>
Source record: 201159

Dan Tang wrote:
>
> I bought a Kenwood DSP-100 and hooked it up with my TS-850, unfortunately I
> can hardly see the difference. Can anybody help please?
>
> Tnx.
>
> de VE3CQD

Hi Dan

Unfortunately, many others have shared your experience! The problem is that Kenwood has refused to appreciate the fact that their customers and potential customers deserve to be unambiguously informed as to just what one should expect from their "DSP" products.

Up to now (or at least prior to the appearance of the TS-870), DSP for Kenwood has meant something very different from what the majority of amateurs have come to expect! Most expect DSP to perform some sort of "magic" on noises and heterodynes. But Kenwood's DSP (as it first appeared on the TS-950SD) had as its objective the generation of waveforms for SSB (and CW rise/decay profiles) through mathematical processes very different from the generally accepted "guillotine" approach using analog filters. The result being a potential for greater transmitted audio bandwidth (if desired), reduced phase distortion across the transmitted bandwidth, and absolutely phenomenal alternate sideband rejection (on the order of 70 to 80 dB!).

The DSP-100 achieves these objectives. But if one is looking for noise or heterodyne reduction, this is not the unit to have! The justification for using the DSP-100 is if the operator is primarily interested in transmitting a signal of considerably greater quality than is generally possible with conventional analog filtering. This is matched on the receive side as well... but in order to appreciate it, the incoming signal has to be of commensurate quality!

The difference between a conventionally generated SSB signal and a signal generated by the DSP (assuming the bandwidth is not set extremely narrow) is very obvious to the listener, provided the receiving equipment is up to the challenge! Regrettably, too few have such receiving equipment... and for those who do, many do not take advantage of it.

So, it is not at all surprising that so many have failed to perceive the magic of DSP as first introduced in commercial amateur products by Kenwood. First, they are looking for something unintended (i.e., noise and heterodyne magic). And, secondly, the receiving equipment may not be up to the task.

With the advent of the TS-870S Kenwood has begun to incorporate some of the "expected" attributes of DSP along with those that are there strictly to enhance quality.

A final caution... If the Kenwood DSP is used to achieve a quality signal, it should be understood that an appropriate microphone is necessary (not one with strident audio) and it should be appreciated that if the speech processor is turned on, virtually all of the benefits of the DSP are out the window!

Regards,
Keith (KS9C)

2490. Re: Kenwood DSP-100, any comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Keith Hester <ks9c@itis.com>
Message-ID: <319BAE70.D3C@itis.com>
Source record: 201160

Dan Tang wrote:
>
> I bought a Kenwood DSP-100 and hooked it up with my TS-850, unfortunately I
> can hardly see the difference. Can anybody help please?
>
> Tnx.
>
> de VE3CQD

Hi Dan

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A final caution... If the Kenwood DSP is used to achieve a quality signal, it should be understood that an appropriate microphone is necessary (not one with strident audio) and it should be appreciated that if the speech processor is turned on, virtually all of the benefits of the DSP are out the window!

Regards,
Keith (KS9C)

2491. Re: HTX202 low audio with

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-16 00:00:00 UTC
From: Gerald Schmitt <ggs@eule.lanl.gov>
Message-ID: <319BA649.400@eule.lanl.gov>
Source record: 201161

John KD7AAT wrote:
>
> Gerald Schmitt <ggs@eule.lanl.gov> wrote:
>
> >As I recall John you have had your ticket for a couple of weeks now
> >perhaps there has not been enough time to find the warts on the RS
> >equipment. I also seem to recall a flame from you on this subject.
> >Do you work at a RS store perhaps? Inquiring minds want to know.
> > 73 Jerry KK5YY
>
> No I don't work at/for Radio Shack. I don't flame. I might have
> remarked about the choice of a persons words when they were uncalled
> for. I've used my 202 and 212 for many hours now and find them BOTH
> to be very excellent radios. If a person has a problem with a radio
> from anyplace, take it back, have it fixed and quit your bitching.
>
> John KD7AAT

Your HTX-202 and HTX-212 are far from a statistical sample. When the HTX-202 first came out it was famous for low audio. This who thing started when some one asked for help with low audio on a HTX-202 he got blown off with a comment to turn the mike around. This problem is well known not as common as it once was but well known to be sure. My point was the deviation can be adjusted. Some helpful sould has posted instructions on how to do this. If you lived in this area you would bot be so pleased with the HTX-212 as the local long range repeater is on 145.19 a bit of a nusance with the HTX-212.

I was right I did remember your call you sent me a nasty email after my first post on this subject perhaps technically not a flame as it was private email. Exactly how many hours have you operated these two pieces at the time of your post your call had only been active for 300 or so hours total?

73 Jerry

2492. 49 MHz to 6 Meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: mgarrett@prairienet.org
Message-ID: <4ngi71$kev@vixen.cso.uiuc.edu>
Source record: 200979

Conversion of single channel FM radios to the 6 meter band

There have been many requests for information in conversion of some of the Radio Shack and Maxon 49Mhz FM radios to 6 meters. I hope to let others know that it can be done to certain radios quite easily, while to convert others may not be worth the effort. I have converted one Radio Shack TRC-505 and two Radio Shack TRC-509's to 52.525 Mhz by re-rocking and tune up.
From what I have learned I will pass on to you to help you in determining if you have a radio that is convertible and a general overview in how to do it.
In determining the radio. It is best that you consider only the single channel FM radios that are available from Maxon and Radio Shack and a few others. These radios will either be the walkie/talkie type or the headset type. These radios will have 3 crystals inside. A transmit crystal in the 16.61-16.63 range a receive crystal in the 39.13-39.19 range and a 10.245 Mhz crystal.
Radios that are from Radio Shack and have the name "Archer" on them may be a AM radio and are designed for the kiddies to bang around. These radios only have one crystal in them (usually 49.860 Mhz and a TRF receiver in them. These radios are not convertible for 6 meter FM. If you have a radio that you are not sure if it's AM or FM, get a scanner and listen to it's transmission. If it has a good quality to the audio then it is FM. If the audio is low and scratchy sounding then it is probably AM. The kiddy radios also do not have usually squelch and so there is continous white noise out of the speaker. If you still are not sure, open it up and count the crystals.
The 5 channel units that have come on the market recently are not good conversion items either. Their chips are designed around cordless phones and although they can be moved into 6 meters by changing the clock crystal, they do not fall on the 6 meter FM channels. They are not worth your time or effort to convert unless you can reprogram a chip to cover the specific frequencies that you need.
Now that you have eliminated the duds from the bunch, I will say some things that you might want to consider before starting a conversion these radios. They were designed with part 15 in mind. They only put out around 40 mw or.04 watt and the antenna system is made to be somewhat range restricted. If you convert one to 6 meters you will still only have 1/4 mile range tops if you do nothing to that dinky antenna. On a decent 1/4 wave antenna at a decent height of 30 feet you can expect around 3 to

4 miles range. These radios would make a excellent low power base radio if you place a connector on them or as a exciter for a home brew amp but then you are tied to a coax at the least. I have not found a good antenna for these radios that will fit in the original design.
Their receivers are ok but are prone to intermod. I have picked up a local 50kw FM broadcast station on mine. This is due to a lack of a front end on these units. Another thing you might consider is to instal a small pot for setting squelch. This mod I want to do since the fixed resistor squelch is set somewhat high on the units that I have converted.
Now if all I have said so far has not deterred you from conversion then go for it. You can get schematics for Radio Shack units if you give them the model number. For the TRC-509 it runs around $15 and you will have to order it. It is worth it. The schematic from the TRC-505 was included on the owners manual and it is so tiny that I cannot read the resistor values even with a magnifying glass (the printing resolution is poor at this level and they should have taken two pages for the drawing). For Maxon and other units you might need to contact the manufacturer directly for schematics.
Recommended equipment: General coverage receiver, frequency counter, scope with at least a 50Mhz bandwidth and signal generator that covers the 6 meter band, FM modulation preferred. If you do not have the signal generator a low level signal can be generated from a nearby radio until the first stage has been tuned, then if you have a programmable scanner you can use the IF to provide a low,low signal level for fine tuning.
Confirm the radio's specs prior to conversion. Check receiver sensitivity, transmitter output (on the scope)or miliwatt meter (most cb wattmeters wont detect the low level output these units have even on the 10 watt scale).
Crystal information:
Transmitter FO = Fundamental X 3 (F0= frequency of operation)

Receiver FO - 10.7 MHZ = Fundamental

Example: transmitter and receiver on 49.830 Mhz

Transmitter 49.830/3 = 16.61 Mhz
Receiver 49.830 - 10.7 = 39.13 MHZ
Confirm operation of the crystal fundamentals using these formulas to agree with your radio. Use a general coverage radio and a scanner to find the crystal carriers(Remember the transmit crystal will not be in operation unless the transmitter is keyed).
I used a 30 pf load and 25 degree temp celsius in ordering these crystals. I used Jan Crystals as my supplier. No mater who you use let the crystal company know what you are installing these crystals in. They may have information vital to making these crystals work. Use HC-18 style crystals with wire leads. If you

are modifying the ht radio you will have to lay the transmit crystal on it's side to allow it to work with the case on (the top of the crystal hits the speaker, the receive crystal is ok to instal upright). Since the new crystals do not have plastic on them, use some sort of insulation material to keep from shorting out the upright resistors adjacent to the crystal such as electrical tape around the crystal body. In the TRC-505 a smaller crystal can was used for the transmitter but in the TRC-509 they used a HC18 style and laid it on it's side already. The headset type should not have this problem but check it out prior to ordering.

Start with the transmitter. Use the general coverage receiver to determine crystal fundamental operation. Frequency accuracy can be set later. Use your scope with a 10:1 probe on the antenna output lead, key the radio and tune the first and second coils for maximum output on the scope. Then place probe on tip of antenna and tune antenna for maximum. If the antenna is telescopic, extend all the way. Re tune the entire transmitter stages again, for maximum output. Now set the crystal frequency with the coil next to the crystal and deviation pot(it is labeled L7 on the TRC-505 and with the transmitter fully tuned at this point it should be readable on a frequency counter. You might also want to drip a little wax down in this coil once tuned. Wax is better than coil paint because you can always melt the wax later and re-adjust, with coil paint you break the coil.

The receiver is a little tricker. First prepare a small insulated wire, stripping both ends. You will have to attach this wire to the demodulated output of the receiver IC. In the TRC-505 it uses a MC3357. Solder this wire to the demodulated output on pin 10 and clip your scope lead to this wire, again a 10:1 probe and your scope on AC, internal trigger with your ground clip on one of the metal coil cans. You will be looking at a display of white noise on the scope and the goal of this is that you will be looking to minimize this white noise as you tune the receiver up to the signal generator. As you tune in the generator and the noise is reduced to quieting, you need to reduce the amount of rf to the receiver, keeping just enough noise on the scope to determine your progress. If you have a audio tracer it can be used on this point as well, listening for a reduction in white noise. Instal the receive crystal and check for operation on a scanner listening for a carrier (the crystal will be weak so a frequency counter probably is not useable so that is why you need the scanner). Tune the fundamental in on the scanner (example for radios receiving on 52.525Mhz-10.7Mhz= 41.825 fundamental. Adjust the receive netting crystal for maximum quieting on the scanner. On the TRC-505 this coil is L4 and is located on lower left of the board (it is the coil closest to the receive crystal you installed).

Apply a signal with no modulation to the antenna input. Apply just enough to cause the noise level to drop. Adjust the coil

between the rf and 1st mixer stage (L2 on the TRC-505) and work your way back from this stage to the 1st mixer crystal (L4 on TRC-505) and repeat. There are really only two stages that you need to tune but you will have to repeat tuneup several times, each time reducing the level of the signal generator to leave at least a little bit of noise on the scope. You should be able to get the receiver down to around .5uv or less.
Once you get the receiver tuned to this point turn on a tone from your signal generator and set deviation to about 5 khz. Adjust the quad coil for maximum audio. In the TRC-505 this is L3 and is located near the demodulator chip and the 455 khz ceramic filter. If you do not have a frequency generator you can adjust this coil by fully deviating a radio on frequency by a long helloooo or other favorite fully deviation tricks, watching your scope for maximum signal level. Now that you have done this your receiver is tuned. Remove the wire from the demodulator Ic and apply a drop of candle wax to the receiver netting coil. Re assemble the unit making sure that no wires are pinched and the transmit crystal clears the speaker and does not crush components in the ht version. You have now completed your conversion.
This article gives a rough guide on how to do a conversion to one of these units and hopefully your conversion will be a smooth one. I have tried to keep this as broad as possible to cover the different versions of radios out there and the amount of equipment and skill each person has in doing the conversion.
If anyone has experimented with improvements to the antenna system with either the hand held or hands free unit or has built a amplifier to bring these units up in power, let me know.
If anyone has questions regarding conversion, drop me a line and I will try and help. Much of my information that I have here is limited. Good luck on your conversion.

Mark Garrett, KA9SZX
mgarrett@prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NA
--
Mark Garrett mgarrett@prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NOAM

2493. New Satellite Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: rrehr@epix.net
Message-ID: <4ngkrk$c13@coconut.epix.net>
Source record: 200980

Does anyone have info on the new ICOM IC-821H?
It looks like its meant to be a replacement for the 820

--Roger Rehr WA3JYM

2494. GE MPS PROGRAMMING WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: sidener@munch.nuc.umr.edu
Message-ID: <4ngmie$n9m@hptemp1.cc.umr.edu>
Source record: 200981

Hi,

I am looking for either a cable, schematic, software, instructions
or all of the above in order to be able to program my GE MPS handheld
radio.

Does anyone have any suggestions on how to get the equipment to do this?

I would really appreciate any comments.

Thanks,

Scott Sidener N0WFL

sidener@umr.edu

2495. Re: AEA vs. the CUSTOMER!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: dinod@deltanet.com
Message-ID: <4ngjfq$obq@news02.deltanet.com>
Source record: 200982
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4n142t$16p@newsbf02.news.aol.com>, parf@aol.com says...
>
>I own the MFJ and aside from recalibrating the resistance meter it has
>been fine. I also owned the AEA VHF/UHF meter. They don't tell you that
>the accessory software will NOT allow the meter to be run via a computer
>(HF meter will). I also am fortunate to own an HP8711B network analyzer
>and using its standards ($680 a set) showed that the AEA indicated 1:1
>VSWR when the load was close to 75 Ohms- 50 Ohms indicated about 1.4:1.
>VHF was better but still 1:1 was above 50 Ohms. When I called AEA to
>discuss this I was told "that's about the accuracy you should expect for a
>$400 instrument- I sold it at the next flea market.
>
>73, Dale WA2YPY

I am not surprised to see this reply from Dale. AEA has always been HORIBLE when dealing with its customers! I sold ALL of my AEA equipment and now own Kantronics due to their lack of customer relations. Even if the AEA analizer was better, I would NOT buy it! Why should I, I would only get the "accuracy" of a $400.00 instrument. I can get that from an MFJ at HALF the price. AEA is a sad company...its really too bad.

Dino Darling KC6RIX
dinod@deltanet.com

2496. How to Optimize Quads?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: Brian Webb <102670.1206@CompuServe.COM>
Message-ID: <4nh056$p1b$1@mhafc.production.compuserve.com>
Source record: 200983
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Im looking for accurate information on how to optimize
VHF/UHF quad antennas (element lengths, tapering, spacing, etc).

I already know how to build quads.....now I want to build the
best possible quads.

Regards,

Brian Webb, KD6NRP

2497. Re: Glass mount on "shaded" window

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: elliott@iglou.com
Message-ID: <DrJ5EF.4pJ@iglou.com>
Source record: 200984
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <31974F69.5048@tor.comm.mot.com>,
Louis Bertrand <louisb@tor.comm.mot.com> wrote:
>Hello all,
>
>Does anybody have any experience with the "patterned" sun shade at
the
>top of the rear window of
>GM cars (mine is a 92 Chev Corsica)?
>I'd like to install a glass-mount Larsen dual-band but I'm worried
that
>the patterning ink is
>metallic (won't conduct RF power or won't allow the adhesive to
stick
>(that's bad too!).
>The patterning is an array of dots that start large at the top and
>shrink in size 3-4 inches
>down from the top. They appear to be printed as some sort of paint
or
>ink.
>
>Thanks
> --Louis
>
Don't worry about it. It will work.

==========
elliott@iglou.com NRA/ILA
Information is the currency of the future,
stock up on it, but don't horde it.
==========

2498. heathkit Manuals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: John Kitchens <kitchens@earthlink.net>
Message-ID: <4ni1bi$t30@guyana.it.earthlink.net>
Source record: 200985

I have seen many requests for the old Heathkit manuals. All Heathkit manuals are now available from Heathkit, photocopies only. telephone is 616-925-5899.

NS6X

2499. Anyone ever hear of a TAD M8?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: hturn@pelican.davlin.net
Message-ID: <319c2073.5376151@news.davlin.net>
Source record: 200986
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Anyone ever hear of a commercial radio a TAD M8?
It is a VHF high commercial rig.

Specifically I would like the microphone pinout.
Can anyone help?

Thanks
Hank

2500. TESTING (please ignore)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: gkillian@206.156.42.50
Message-ID: <4ngqbl$fcj@sun1.uconect.net>
Source record: 200987

```
short test message-- please ignore
```

2501. TOWER FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: nsh@usa.pipeline.com
Message-ID: <4ngkn9$r4p@news1.t1.usa.pipeline.com>
Source record: 200988

FOR SALE

Long Island Area

HyGain-Telex HG-37, 37 foot tower with 10 foot galvanized mast and coax arms. Perfect Condition.

Moving to Florida.....will unload tower for very reasonable price.

Please E-Mail direct to nsh@usa.pipeline.com

2502. Re: RS HTX-202 Low Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4ngq7o$f2l@dfw-ixnews7.ix.netcom.com>
Source record: 200989

In <4mt4e8$3s0@dfw-ixnews5.ix.netcom.com> gsparks@ix.netcom.com(Glenn Sparks) writes:
>
>Please tell us which ham store fixes your Yeacomwood while you wait, or
>how far you have to drive to get to a ham store. I have a RS 4 blocks
>from my house, the closest (only) ham store in Houston, Texas
>(something like the 4th largest city in US) to me is on the north side
>of town 30 miles from my house, and the times I did make the trek I
>couldn't convince the guys sitting around complaining about how hams
>only want to buy used cheap stuff and won't pay for anything new, to
>get up and help me, so I left.
>
>I really think your comments about the design and quality of the 202
>are not based on fact, I see many hams here in Houston using the 202,
>and all I've talked to are pleased. I get great signal reports on the
>air, until I tell them the rig is a RS, then the signal report gets
>downgraded unless the other Ham is using a RS also.

I quite agree adjusted properly the HTX-202 has some of the nicest audio available. It is also an excelent packet radio. But I have personally helped over two dozen people get them going on packet because of the non-standard keying circuit. This is one of the design problems I refer to.

>
>I don't think the rigs are perfect, but the intermod rejection of the
>202 is so far superior to anything else in the 2m handheld catagory I
>have seen working many public service events in downtown, I can't see
>why anyone in a large city would by anything but the RS HTX-202.

Agreed the intermod rejection is among the best primarily because it will not go out of band and thus the filtering can be tighter. I stand by the poor quality control comments. All you have to do is pay attention to the questions about "err 2" to understand there is a design flaw. I guess I never will understand why people are so defensive about the R/S gear it no so bad but certainly not deserving of the reverence it deserves.

73 Jerry

>
>KI5GY Glenn Sparks
>
>In <4mrt3i$ffc@dfw-ixnews2.ix.netcom.com> kc5egg@ix.netcom.com(Gerald
>Schmitt) writes:

>>
>>You last post was very useful and informative. It is too bad Maxon
>>ooops I mean Radio Shack didn't design the radio properly in the
first
>>place. The real problem with the RS radios is the poor quality
>>assurance and lack of support in most stores. I don't expect an
>>electrical engineer for what RS pays but I also don't expect
>defenctive
>>returned equipment to be restocked for the next sucker ooops customer
>>to buy. I really believe a new ham is much better off with real ham
>>equipment rather than a RS piece that might or might ot work
properly.
>>
>> 73 Jerry
>

2503. For Sale Kenwood TS-940s/AT, SP-940, SM-220

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: spinsfcl@concentric.net
Message-ID: <319cb68f.5333012@news.concentric.net>
Source record: 200990

I will take the best offer for the entire system. There is a very minor problem in the TS940, for some reason it needs a two to three minute warm up period. Also, the TS940 has been modified for out of band transmission for MARS.

I am no longer active in MARS and would consider trading down to smaller HF rig.

Frank
N6VQI

2504. Morse Code Reader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: willhar@freenet.columbus.oh.us
Message-ID: <4nhn19$ep@acme.freenet.columbus.oh.us>
Source record: 200991

I would appreciate any information about user experience with Morse Code
Readers made by MFJ and/or Microcraft. Thanks.
--
Bill Harmon
willhar@freenet,columbus,oh.us>

2505. TR-751E mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: Pietro Muraca <pietro.muraca@unical.it>
Message-ID: <319C654C.41C67EA6@unical.it>
Source record: 200992

I am looking for modifications for KENWOOD TR-751E
that will allow it to transimit and receive
from 140 to 150 MHz.

pietro

---------------------------------====--------------------------------

Pietro Muraca ik8fgm

e-mail: pietro.muraca@unical.it

2506. Re: Yaesu FT51 Extended Receive and Intermod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: designer@clark.net
Message-ID: <4nhplv$e6m@clarknet.clark.net>
Source record: 200993

mparkes@aol.com (Mparkes) wrote:

>It won't make any difference...if you are trying to use the 51r mobile I
>can highly recommend getting the PAR intermod notch filter...abt 60
>dolllars or so...they advertise an the QST classifieds. Works great on my
>51r...radio is now usable in areas where before all I got were squeals
>and howls. I am in Jacksonville FL area.

>73's and good luck!
>Mike KS4DA

PAR will be at the hamfest this weekend for those interested... I am
planning on getting one of their filters myself this weekend (I have a
51 and love it other than the intermod problem!)

marc
N3WEU

2507. Henry 2002 Manual/Schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: John Kitchens <kitchens@earthlink.net>
Message-ID: <4ni17f$t30@guyana.it.earthlink.net>
Source record: 200994

I need a manual and schematic for the Henry 2002 2 meter amp. Have to rebuild the power supply.

Thanks,

NS6X

2508. WTB sony 2010 need not work

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: gods@tiac.net
Message-ID: <4nht6h$4d1@news-central.tiac.net>
Source record: 200995

I want another sony 2010 or to fix my
old one, I need the jack board

contact me at gods@tiac.net

2509. Responses to inappropriate forsale postings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <slrn44pos9o.o2f.jmaynard@admin5.hsc.uth.tmc.edu>
Source record: 200996
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Would whoever it is that's anonymously sending the Guide to the Personal
Radio Newsgroups to folks who post forsale messages to the wrong group please
CUT IT THE HELL OUT?
I'm tired of getting complaints in my mailbox from folks who have been sent
3 copies of the same message from someone who is too damned cowardly to
attach their own name as the sender when passing it along.

While I'm somewhere near the subject, let me once again point out that
sending forsale postings to inappropriate groups is a Bad Idea. Forsale
postings should go to rec.radio.swap, the group chartered for that purpose,
ONLY. The profusion of forsale postings in rec.radio.amateur.equipment has
already caused that group to be dropped from some servers that, as a matter
of either law or policy, cannot carry traffic that benefits a particular
individual. (The examples I'm aware of are within the US Department of
Defense.) The same can happen with the other ham radio groups.

My objection is to the anonymous complaints only. I'm not sending them, I
have nothing to do with them, and I wish they'd stop.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Just because I'm a superhero doesn't mean
I have to smell poo gas." -- Freakazoid

2510. FS: Icom IC-25A 2m FM xcvr, $150

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4nhu68$q1d@mksrv1.dseg.ti.com>
Source record: 200997
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

For Sale: Icom IC-25A 2m FM transceiver

25 Watts / 5 Watts selectable, five memories, two VFOs,
LED display, DTMF up/down mic, manual and schematic.
Works well. Average physical condition (a little worn).
This is an older rig from the early 1980s, but is still
a decent performer. Would make a good rig for packet,
starter rig for a new ham, install in spare car, etc.
The price is $150, and the buyer pays the shipping.

E-mail me (quickly) if you wanna buy it...

Thanks and 73!
Dean Hemphill, KC5NG
d-hemphill@ti.com

2511. FT-10R extended receive use

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: Michael Keller <mkeller@itr.ch>
Message-ID: <319C7B5B.44E3@itr.ch>
Source record: 200998

Does anyone know, if i can extend the bandwith (actual 140-174MHz)
of my FT-10R with a soft-key-code.

2512. FOR SALE Ranger 2950 (100 Watt)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: a_sweet@condor.psych.ucsb.edu
Message-ID: <N.051796.103802.57@condor.psych.ucsb.edu>
Source record: 200999
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

I have a ranger 2950, 100 watt,10-11 meter , for sale.
This radio was $539.00 new. I still is new, but I will sacrifice
for $250.00 OBO.
ALSO have a new 20 Watt external power supply for $75.00

I will consider $300.00 for Entire setup with wilson antena and
panasonic external speaker unit.

All Offers considered. Also consider swap on good set of Handheld's

Contact Art via;
a_sweet@psych.ucsb.edu

Thanks,
Art

2513. Cushcraft A4 40M Kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: "alt.radio" <102745.360@CompuServe.COM>
Message-ID: <4nimlfesb1@mhade.production.compuserve.com>
Source record: 201000

Hi: I have a 40M Add-on Kit for the A4 Beam. Brand new, box never opened. Asking $100. Jeff/WB3DLG

2514. WTB: Service Manual for HP141T 8556A Plug in

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: bhare@ma.ultranet.com
Message-ID: <319cdfe9.3250263@news.ma.ultranet.com>
Source record: 201001
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.repair

I'm looking for a service manual for an HP141T 8556A
RF pluging (this is the 0 - 300khz unit) HP's service and parts
people have told me that they have discontinued the manual,
and so far all attempts to find one have failed.

No reasonable offer will be refused.

Thanks in Advance,

Brad Hare

bhare@pandora.ultranet.com

2515. Icom Z1A 800 MHz mod kills 440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: jimf@zoinks.corp.sgi.com
Message-ID: <4nio8q$j73@murrow.corp.sgi.com>
Source record: 201002

Hello all,

Ok after finally getting the two tiny surface mount transistors soldered into their spots I can receive 800 through ~1000 MHz just dandy.

But... I can no longer receive ANYTHING in the 70 cm band or for the local PD stuff at 482 - 488 MHz. I do receive stuff (maybe images) all along in 300 - 415 MHz range. Additionally, from about 420 to 445 the "S" meter shows full scale on nothing but white noise. Out side this range white noise is a minimal S 0.5 - 1.

Soldering was done by a professional MIL certified tech and the joints were inspected under microscope as well as continuity checks to the other ends of the traces. All looks/tests OK.

So... Did I screw something up? Or is this the way the mod is intended to work? BTW, the HT will TRANSMIT just fine at the intended offset from displayed freq along with tone etc.

Any ideas anyone that has done this?

Jim

2516. Re: RS HTX-202 Low Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: "Andrew D. Lawlor" <adlawlor@concentric.net>
Message-ID: <319C73F4.2EE4@concentric.net>
Source record: 201003

Gerald Schmitt wrote:
>
> I quite agree adjusted properly the HTX-202 has some of the nicest
> audio available. It is also an excelent packet radio. But I have
> personally helped over two dozen people get them going on packet
> because of the non-standard keying circuit. This is one of the design
> problems I refer to.
>

>
> Agreed the intermod rejection is among the best primarily because it
> will not go out of band and thus the filtering can be tighter. I stand
> by the poor quality control comments. All you have to do is pay
> attention to the questions about "err 2" to understand there is a
> design flaw. I guess I never will understand why people are so
> defensive about the R/S gear it no so bad but certainly not deserving
> of the reverence it deserves.
>
> 73 Jerry

Jerry, I don't mean to be a jerk, but do you read this stuff over before
you send it over the wires?

2517. For Sale: Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <319C74DF.4C31@hogsett.com>
Source record: 201004

```
For Sale:

Yaesu FT-51R Micro-dualbander
new condition
includes extra nicad pack, AA batt pack
speaker mic, drop-in charger,
user manual, technical supplement
CTCSS en/dec built in

Asking $400

--
+-------------------------------------------------------------
| Jerry Hogsett (home) jerry@hogsett.com |
| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
| (500)-G-HOGSETT http://www.hogsett.com |
-------------------------------------------------------------+
```

2518. Neutralizing Finals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: optics3d@ix.netcom.com
Message-ID: <4ni3l5$r77@dfw-ixnews4.ix.netcom.com>
Source record: 201005

Is there any convenient way to neutralize the finals on my Kenwood 520
other than using a VTVM with an RF probe, neither of which I have?

73 de WA1UWZ

2519. Re: Neutralizing Finals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4nir9d$f08@safety.ics.uci.edu>
Source record: 201006

In <4ni3l5$r77@dfw-ixnews4.ix.netcom.com> optics3d@ix.netcom.com(Ronald D Lucier) writes:

>Is there any convenient way to neutralize the finals on my Kenwood 520
>other than using a VTVM with an RF probe, neither of which I have?

I believe I always used an external receiver to do the null
and it worked just fine.

You can also use the try and try method of twisting the cap
until the "dip" in the plate current corresponds with maximum
RF output.

Clark
WA3JPG

2520. Re: TenTec 2M->6M Xvrtr?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: johnoz@indy.net
Message-ID: <4ni81k$apl@news.indy.net>
Source record: 201007
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4ne7hm$del@nnrp1.news.primenet.com>,
markem@primenet.com (M. Monninger) wrote:
>Has anyone built the TenTec 2M-to-6M transverter? I'm thinking about buying
>one to get on 6M FM. I'd be interested in hearing opinions/experiences about
>it. If it's as good as the 20M-to-6M unit it should be worthwhile.
>
>Tks & 73.... Mark AA7TA

I recently built one and am quite satisfied with it. My power meter indicates
12W into dummy load on FM. Phone help is good, I stupidly installed GASFET
upside down, Tenn TEC sent new one free of charge. Did take me quite a bit
more time to assemble than I expected. If you're short on time the assembled
price represents good value.

John O. KB9MIE.

2521. Re: Heathkit DX-100 and Marauder

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: bill.sorsby@dlep1.itg.ti.com
Message-ID: <4niaeh$rjp@mksrv1.dseg.ti.com>
Source record: 201008
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

In article <4ndlhv$739@news.microsoft.com>, joehol@microsoft.com says...

>Can someone tell me the matching Receiver for the DX-100 and Marauder
>Transmitters ?

Hi Joe,

According to Chuck Penson's book, there is no matching receiver for the
DX-100, which was Heath's second entry into the ham radio market.

The matching receiver for the Marauder is the RX-1, "Mohawk", Heath's first
ham band only receiver.

Regards,
Bill Sorsby, N5BU

2522. Re: Wireless Telephones

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: Mark Oppenheim <Mark@Tetherless.net>
Message-ID: <4nis4a$r6q@gorgor.pa.tetherless.com>
Source record: 201009

crum@xmission.xmission.com (crum) wrote:

>Anyone know of other cordless phone models that use spread spectrum?
>How about the possibility of using such equipment under amateur service
>rules, with amplifiers, e.g. for computer networking? (I guess the
>WaveLAN 2Mbps product also uses spread spectrum in either the 900MHz
>or 2GHz bands depending on the model.) A friend said something about
>differences in Part 15 and Part 97 with respect to spread spectrum,
>but I don't know the details yet.

The spreading codes that are used by ALL of the Part 15 devices are not legal under current Part 97 rules.... this, however is being changed, but it's unlikely even after the change you'll be able to use Part 15 devices undr Part 97 rules - the proposed Part 97 SS language requires a form (not specified) of automatic RF power reduction....

Mark

2523. TM255 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: jyfourri@simplet_3.univ-lr.fr
Message-ID: <4niblt$lif@hpuniv.univ-lr.fr>
Source record: 201010

I am looking for mod about TM255,if somebody know it please send me a
reply , thanks you.
Dominique F1DOQ

2524. Radio electronics magazine ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: jlin@kaiwan009.kaiwan.com
Message-ID: <4nj0l1$9fs@kaiwan009.kaiwan.com>
Source record: 201011

Can anyone advise the fax/tel number of RADIO ELECTRONICS magazine
publisher ? and if they have e-mail online .

Thanks

John

--
-*

2525. Re: MFJ 90xx CW transceivers - opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <1495.6711T777T2684@nycmetro.com>
Source record: 201062

>Ron Giuntini wrote:
>>
>> Also, I think you should look into the several kits available, I just
>> picked up a OHR Explorer 20M QRP kit for 100.00. It is comparable to the
>> MFJ, and you get the fun of building it yourself.

>I have looked into kits. See the June, 1996 issue of QST for reviews
>on 6 QRP transceivers. I've also spent several hundred hours building
>kits and homebrewing everything from code practice oscillators to
>a 25 inch color tv, and a lot in between. Read the QST reviews you
>were too busy to look up, too.

>None of which is relevent. I'd sure like to hear from someone who
>actually owns and uses one of the MFJ-90xx rigs and would share
>their experiences.

>Jim, N4SVZ
The Last 2 issues of CQ have had Articles on homebrewing QRP kits and even
homebrewed battery's using Hot sauce. There's also an Ad in the the same issues
for kit versions of these at $14.95 included all parts circuit board and Case
They are selling both Regular version and SMT version.
I think they have 10 meter,15 meter,20 meter,40 meter and 80 meter versions.

****NOTE****
The kits are Transmitters ONLY, you'll still need a Receiver.
Hope this helps ya'll

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2526. Re: Need Code Teaching Software for C-64

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: Gary <aarc@pacificnet.net>
Message-ID: <319D1DA4.1A3B@pacificnet.net>
Source record: 201063

Tim Taylor wrote:
>
> A friend of mine is looking for code tutor software for a Commodore
> 64.
>
> He is also interested in Gordon West tapes 0to5 wpm.
>
> Please E-Mail me.
>
> kj7az@coffey.com
>
> Thanks
>
> KJ7AZ/Tim

Tim, I have a doctor QSO,which is a ROM cartridge that simulates over the air QSO's at different speeds $40.00. I also have some G West tapes. I have to look for them.
Gary N6KHZ
aarc@pacificnet.net

2527. SYS SABER III

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: pajamaa@aol.com
Message-ID: <4njfoc$rtt@newsbf02.news.aol.com>
Source record: 201064

I have a Systems Saber Model H99QX+099H, factory ID H43TUK5170CN does any
one know if I can get the radio to do 12.5khz spacing or accept freqs.
like "148.2375, 151.4625 etc"
Your help would be greatly appreciated

PS
If you know if any of the SABERS can do this please E-mail me
Thank You

2528. Standard on WWW??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: medic33@earthlink.com
Message-ID: <4nklbv$pfg@argentina.it.earthlink.net>
Source record: 201065

Greetings all,

If anyone has the web address for Standard, could you please spare it
to a reply? LOL

Thanks & 73's!

2529. IC-775DSP: how do u like it ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: torsten@dl1fy.rhein-neckar.de
Message-ID: <DrJuu0.lnu@dl1fy.rhein-neckar.de>
Source record: 201066

I'm currently considering to buy this rig but as I have, by now, not
seen any reports from the practical point of view, I'm holding back.

Is there anyone outthere who has gained some experience with the rig,
especially on CW as I intend to use it only for this mode.

How would you compare it to the nice IC-765 ? Is it worth the extra
money ?

73 de Tom.

--
Torsten Leibold (DL1FY) Mail: root@dl1fy.rhein-neckar.de
Konrad-Adenauer-Allee 105 AX25: dl1fy@db0ge.#sar.deu.eu
68519 Viernheim, Germany AMPR: 44.130.24.87

2530. Azden Service: Excellent!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: csmith1@ccgate.hac.com
Message-ID: <4ni5ec$grv@newsroom.HITC.COM>
Source record: 201067

I have an Azden PCS-7000H 2 meter mobile. One of the display lamps finally went out after over 2 years, so I decided to replace both before the other one went too...

The radio comes with a 2-year warranty, and I'm 6 months past that, so "fumble-fingers" got into the radio on his own. It turned out to be much trickier than I'd hoped and I had no luck getting the LCD to work right after reassembly.

I called their tech service and told them my woes and asked about replacement parts. The guy there (Lew, a ham) insisted I sent it back and that he'd fix it. Despite it being out of warranty, he fixed it right away, no charge. I sent it from MD Thurs at lunch and had it back the next Wed!

Azden gets high marks by me!

2531. ft50 and ic 7 (fwd)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: joel@tech.mis.cfc.COM
Message-ID: <199605171619.MAA26336@serve.tech.mis.cfc.com>
Source record: 201068

I have recently returned to hamming after a long break, and am looking to
replace my Kenwood TH 41 with one of the new small dual banders.

I (think) have narrowed it down to the FT 50 or the Icom T 7.

Both offer extended frequency coverage that I want (I am also a pilot).

The Icom is a much simpler radio to operate, but does not have some of
the capabilities of the Yaesu.

The Icom comes standard with Pl decode and tone scan. A $50 dollar option on
the Yaesu.

The Yaesu comes with Digital Coded Squelch. Does anyone know what that is?
It is the first time I have heard of it..

The Yaesu also can have DTMF paging which is beginning to look better the
more I think about it.

The Yaesu is also direct FM which is supposed to give better Packet
performance.

The Yaesu almost seems to small, and fat, but I would probably adjust..

If their are any owners I would appreciate feedback. For instance on the
Yaesu,
can you store the freq, offset, pl tone,dcs code,and filter(am,fm,widefm)
in each memory spot..

In scanning could you scan the low air band and 2 meter at the same time and
would it know about the am section?

I have this lump in my wallet awaiting answers..

Thanks

joel lessenberry

wb8rhg

joel@cfc.com

n75186

2532. Re: Ham-Equip Digest V96 #376

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: knyuen@pica.army.mil
Message-ID: <19c91d50@pica.army.mil>
Source record: 201069

Ham-Equip Digest Fri, 17 May 96 Volume 96 : Issue 376

Today's Topics:
FT50-R Yaesu: NO FIX

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 15 May 1996 20:39:57 -0200
From: Bill Crocker <billc@Fe3.rust.net>
Subject: FT50-R Yaesu: NO FIX

Jerry Hogsett wrote:
>
> I just spoke to a technician at Yaesu about the crappy audio in Wide FM
> mode on the FT-50R. She said that due to the size of the radio, they
> were only able to fit a 30-35KHz filter, instead of a 75KHz filter, for
> Wide FM mode. When I mentioned that this made the extended bands
> useless, she said that people in Japan are able to use it (I doubt
> that). She offered to fax me a list of FM frequencies I can listen to
> in Wide FM mode.
>
> She said they were going to "fix it" in the manual and advertisements.
> She said there's not going to be a fix offered for the radio. When I
> said I wanted my money back, she called my bluff and asked me where I
> bought the radio.
>
> I'll keep it, but I wish it worked as advertised.

What do you mean, she called your bluff? I had the same experience. I
took my back to the local radio shop where I bought it, and simply ask for
a refund (for the reasons you stated), and got it!

Bill Crocker

End of Ham-Equip Digest V96 #376
****

2533. 901DM Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: 0002045974@mcimail.COM
Message-ID: <05960517165850.0002045974PL3EM@MCIMAIL.COM>
Source record: 201070

```
-- [ From: clifford wiginton * EMC.Ver #2.3 ] --

I have the mod for FT901DM....
email me.........
```

2534. Mods for ALINCO DJ-100 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.960517150614.2742A-100000@linux.ea4abb.ampr.org>
Source record: 201071

Hello ! Do you know any mods for the alinco DJ-100 ??

I have my DJ100 full transmit on all the band and I cannot use it with my
licence, I must close all the TX/RX out of the amateur band.. Do you know
the mods ??

-- Bob

Email:ea4abb@ea4rct.clubs.etsit.upm.es | ampr: ea4abb@linux.ea4abb.ampr.org
fidonet: Roberto Munoz 2:341/64.10 | ax25: ea4abb@ea4een.eam.esp.eu
<A HREF="http://www.etsit.upm.es/~rclub">Paginas WEB del Radioclub EA4RCT</A>

2535. tr751e mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-17 00:00:00 UTC
From: pietro muraca <pietro.muraca@unical.it>
Message-ID: <319CB4F2.332E@unical.it>
Source record: 201072

I'm looking for modifications for a Kenwood Tr751e
that will allow it to trasmit and receive
from 140 to 150 MHz.

thanks

Pietro Muraca ik8fgm
pietro.muraca@unical.it

2536. Re: Standard on WWW??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: medic33@earthlink.com
Message-ID: <4nn8g2$ns4@ecuador.it.earthlink.net>
Source record: 201012

Hi Ray,

Its much appreciated and thanks!

73's Joe

KD6WKP

>http://www.stdradio.com/

>73

>Ray

2537. ft50r mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: gary <garym@pcnet.com>
Message-ID: <319DB3AD.4AAA@pcnet.com>
Source record: 201013

looking for ft50r mods.specifically opening up transmit in the 450 and 462Mhz realm.

2538. Contr.SONY CRF-V21 via RS-232

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: s.heinkel@link-r.de
Message-ID: <694utVz0tsB@r-she.link-r.zer.sub.org>
Source record: 201014

Hello everyone,

I`m neither a Ham nor a specialist in computing, I'm interested in
listening SW-Radio stations. I want to drive my SONY CRF-V21 via RS-232 by
the computer (store stations, frequencies, times etc.).
Does anybody have a software to support this ?
Thanks in advance !

Siegmar Heinkel
CrossPoint v3.1

2539. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: doc@dxnet.com
Message-ID: <319d1a33.3929389@news.dxnet.com>
Source record: 201073
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Truth is...

The 'thru-the-glass' antenna(s) uses two plates as capacity-coupling
between the coax and antenna. It will never equal the efficiency of a
direct connection to the active element (period).

Tony
WA6IGJ

2540. FT-59r or IC-Z1A???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: netsvic@ipoline.com
Message-ID: <4njbtg$gl8@ipo.ipoline.com>
Source record: 201074

Hi! I am thinking about buy FT-50R or IC-Z1A?? Does any one can give
some adive for me?? Thank you!!
Vic

2541. Re: FT-59r or IC-Z1A???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: netsvic@ipoline.com
Message-ID: <4njbum$gl8@ipo.ipoline.com>
Source record: 201075

netsvic@ipoline.com (Vic) wrote:

>Hi! I am thinking about buy FT-50R or IC-Z1A?? Does any one can give
>some advice for me?? Thank you!!
>Vic

2542. FS: MOTOROLA Series 90 Base Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4nje9j$rng@news.whidbey.com>
Source record: 201076
Cross-posted to: seattle.forsale.misc,seattle.forsale,rec.radio.swap,rec.radio.amateur.equipment,rec.amateur.misc

```
F O R S A L E F O R S A L E F O R S A L E

MOTOROLA Series 90 Base Transmitter Control Unit
------------------------------------------------
- A+ condition (clean, little wear)
- lights, dials, and sound..seems to work (not tested)
- boxed + ready to ship.
- Price $25 shipped (within CONUS)

EMAIL - subbustr@whidbey.net
```

2543. Antenna Installation in Corvette

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: ac@xmission.com
Message-ID: <4njg6d$il8@news.xmission.com>
Source record: 201077

I recently purchased a '91 Vette and now have a dilema...where to mount an antenna. I have a Kenwood TM732A dual band that I would like to install. The car in fiberglass. I understand the window mount dual band antenna has problems staying on the glass. I really don't want to drill a hole but....maybe I will. I would really like to find a less aggressive mount. If you have any ideas please let me know. My e-mail address is ac@xmission.com. Thanks for your input.

de KA7RZR

2544. Re: How to Optimize Quads?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: doc@dxnet.com
Message-ID: <319d2fd4.9317312@news.dxnet.com>
Source record: 201078
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Here's the best way I know of!

Clark, WB6ADC has a MFJ-249 SWR Analyzer. The nice thing about this battery operated device is that it displays your antenna's specific resonant frequency direct on a 10 digit LCD display, from 1.9MHz~170MHz! No transmitting required.

We set my Quad up on a non-conductive mast and stood clear of any structures, wires and trees. In less than five minuets we had the Quad fully optimized for the input of our repeater! The Analyzer is very reasonably priced, every club should own one!

73's
Uncle T.
WA6IGJ

On 17 May 1996 04:43:18 GMT, Brian Webb <102670.1206@CompuServe.COM> wrote:
>Im looking for accurate information on how to optimize
>VHF/UHF quad antennas (element lengths, tapering, spacing, etc).
>I already know how to build quads.....now I want to build the
>best possible quads.
>Brian Webb, KD6NRP

2545. Re: Pocket Morse Code Trainer - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: 72167.563@compuserve.com
Message-ID: <4nkede$dqa@dub-news-svc-3.compuserve.com>
Source record: 201079

Jim Wagner <jimw@nando.net> wrote:

>flanagan@genie.com wrote:
>>
>> I personally like the CAT Ultimate Morse Tutor with the 16-character LCD
>> display. The ability to have it play 16 random characters and then check
>> your copy against the display is worth the price of admission alone. It is
>> only the size of a pack of cigarettes and with the quite adequate built-in
>> speaker or an earphone, you can use it anywhere and any time. It has its
>> flaws, but IMHO it is the best for someone looking for a practical trainer.
>>
>> Standard disclaimers apply. YMMV.
>>
>> --
>> Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

>Thanks, Dick.

>Have you read the reviews of the CAT in the DEC 1995 QST? If so,
>how did their experience compare with yours?

>Did you use the CAT to build your speed up for an upgrade? That's
>sort of what I am hoping to do and why I started this thread.

>73 de Jim, N4SVZ

Jim -

PMFJI - I agree with Dick about the CAT Delux unit. Used it to
build code speed from zero to get me through the 20 wpm exam. I found
that the unit certainly has its flaws as pointed out in the QST
article. I also found that the LCD window was a significant advantage
and for me was worth the price of admission. Great item for practice
as I was driving and the earphone comes in handy when you want to
avoid disturbing others. The usual disclaimers apply, just a
satisfied customer.

73 es take care

-- Ray N3USS --

2546. Coax Power Ratings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Merv Stump <W2FOE@worldnet.att.net>
Message-ID: <4nkjf3$l2o@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 201080

How much power will RG58 take? As I recall it's a function of the voltage rating, frequency and SWR, but I can't seem to find the formula. On 80 and 160 meters I would like to replace RG8 with RG58 just because of the weight of the cable. Anyone have the formula handy? Merv

2547. Re: Santec 144up 2 meter HT; What's it worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4njknu$q49@news1.slip.net>
Source record: 201081

I am familiar with that radio. It is, I believe, about 15 years old. If it has PLs it is going to be more desirable. I'd guess 135-150 dollars, but it is a buyers market on handhelds. I am no expert but you could probably move it at that price.

2548. Re: Antenna Installation in Corvette

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: dale@exo.com
Message-ID: <4nko39$56k@news.snni.com>
Source record: 201082

I have done several installs on late model corvettes. And if
you can bring your self to drill a hole, check out the gas tank
cover you will find its metal. I have always used the Comet
B-20 dual band antenna and a Coment 3D4M assembly. And
have even installed the CX-801 tribancder on one of them.
You will find with the removal of a few screws you can route
the coax into the vehicle and concel it and the body of the
radio as well.
The next best thing is to use the Comet RS-520 mini mount
and the B-20. The mount should fit on the gas tank filler cover
without a problem and will allow you to rotate the antenna until
it is upright..

73 de KB7UB

ac@xmission.com (Alan Cranney) wrote:

>I recently purchased a '91 Vette and now have a dilema...where to mount an
>antenna. I have a Kenwood TM732A dual band that I would like to install. The
>car in fiberglass. I understand the window mount dual band antenna has
>problems staying on the glass. I really don't want to drill a hole
>but....maybe I will. I would really like to find a less aggressive mount. If
>you have any ideas please let me know. My e-mail address is ac@xmission.com.
>Thanks for your input.

>de KA7RZR

2549. Re: Pocket Morse Code Trainer - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4nks85$kq3@rock101.genie.net>
Source record: 201083

Jim Wagner <jimw@nando.net> writes:
>Have you read the reviews of the CAT in the DEC 1995 QST? If so,
>how did their experience compare with yours?

No, I haven't read the QST review.

>Did you use the CAT to build your speed up for an upgrade? That's
>sort of what I am hoping to do and why I started this thread.

Yes, I used it (and am still using it <sigh>) to get my speed up to 20 wpm
and it is nice to be able to take a few shots of practice by just reaching
in my pocket and plugging in an earphone.

Dick
--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

2550. Re: Coax Power Ratings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <319DEFB4.3670@southwind.net>
Source record: 201084

Merv Stump wrote:
>
> How much power will RG58 take? As I recall it's a function of the voltage
> rating, frequency and SWR, but I can't seem to find the formula. On 80
> and 160 meters I would like to replace RG8 with RG58 just because of the
> weight of the cable. Anyone have the formula handy? Merv

If you are worried about power, I suggest RG8/m (mini 8). The center conductor is 16 gauge (as opposed to 20 gauge for RG58 and 13 Gauge for RG8). These are Radio Shack's specs.

Hope this helps. 73 De KG0WX
--

Ken Bessler
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

2551. HTX202 mods anyone?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: maccabeus@gatecoms.gatecom.com
Message-ID: <4nkrr4$dup@www.gatecom.com>
Source record: 201085
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Anyone done any wide-recieve mods (icomm 02at possibly) to the HTX202.
I have heard from 1 it CAN be done and another says that the 202 CAN NOT
be modified? I dont know whos right and whos is just opinion! Anyone
tried it?

--

73 KC8DQF

###
"If the government is big enough to give you everything you want, it
is also big enough to take everything you have."
###

2552. Re: FT-10R extended receive use

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: jkolin@cloud9.net
Message-ID: <4nkti8$o7c@news.cloud9.net>
Source record: 201086

In article <319C7B5B.44E3@itr.ch>, Michael Keller <mkeller@itr.ch> says:
>
>Does anyone know, if i can extend the bandwith (actual 140-174MHz)
>of my FT-10R with a soft-key-code.

I asked similar question last week. I want to cover 110-136mhz receive.

Will advise if I hr anything.

Jay NE2Q

2553. Re: HTX202 mods anyone?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: teacherjh@aol.com
Message-ID: <4nkvl1$dmp@newsbf02.news.aol.com>
Source record: 201087
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

>>
Anyone done any wide-recieve mods (icomm 02at possibly) to the HTX202.
I have heard from 1 it CAN be done and another says that the 202 CAN NOT
be modified? I dont know whos right and whos is just opinion! Anyone
tried it?
<<

I hope this response is posted appropriately, AOL does not permit me to
control crossposts.

There is only the "duct tape" mod for the 202. It's extremely good
intermod rejection is due to the narrow band it is designed to recieve.
It is software controlled also, there are no mods.

Other radios can be modified because essentially the same radio is used in
other bands, and so by swapping a few components the company can use the
same design over a wide range. This has the consequence of making them
not very selective. THe 202 is designed for 144 to 148 only.

For the "duct tape" mod, you will need another radio, and some duct tape.
IT has the advantage of allowing recieve out to the 160 meter band, and up
tthrough the gigahertz, with proper radio choice. :)

Jose KD1SB

2554. Knwd R5000 Trouble : PSe Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: John J <72763.460@CompuServe.COM>
Message-ID: <4nkvdc$qi5$1@mhade.production.compuserve.com>
Source record: 201088

Hello,

A problem exists with an R5000 in that while tuning the main VFO
dial, a "crackling" noise is emitted out of the speaker.
The radio otherwise operates properly.
Pse reply VIA E-Mail
T. I. A.

John WB2GWB

2555. Re: TenTec 2M->6M Xvrtr?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4njkge$q49@news1.slip.net>
Source record: 201089
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

As you are probably aware there is a review of the 14mhz to 50mhz xverter in the June 96 QST. I just got my issue and have not yet read it, but you may be able to get something from it that means something to you even though you are interested in the 2M version.

2556. Repeater Equipment Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Rich Fortnum <fortnum@pints.com>
Message-ID: <319E0584.1233@pints.com>
Source record: 201090

I need the following for repeater equipment:

Cavities/Duplexer
Feed Line
Multi-Node Controller, VHF (perhaps with UHF links)
Antenna (onmidirectional)

Any ideas, please e-mail me. This repeater is for emergency use with the R=
ed Cross. =

Please help us help people.

Cheers!
-- =

Rich Fortnum (aka BeeRich) fortnum@pints.com VA3 RFZ
F&M Breweries, Guelph, Ontario, Canada
Renaissance Brewers of Fine Ales and Lagers=99 =

ONTARIO BEER PAGE http://www.pints.com/pints/index.html

2557. wtb parabolic reflector for microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: lwaters@lookout.demon.co.uk
Message-ID: <832449119.4219.0@lookout.demon.co.uk>
Source record: 201091

I'm no at all sure that I am posting this in the right group, but can anyone point me in the direction of where I might be able to buy a hand held parabolic reflector to use with a microphone for bird sound recording ?

Any suggestions gratefully received. Many thanks

Les Waters

2558. ICOM 706....Extend Range!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Karl Leite <kleite@summer.com.br>
Message-ID: <19960518161909.aaaa005uK@babyblue.cs.yale.edu>
Source record: 201092

```
From: Karl Leite <kleite@summer.com.br>
Subject: IC 706
==============================================================
Dear Fellows:

A friend of mine, PS7MFN, own an ICOM 706 and he would like to
extend range of frequency to out of the HF band.

How to do it??? Please, any help!?!?!?!? He thanks in advance!

Any information, please, E-mail to below address.

Vy best wishes, vy 73 de PS7KM,
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
Karl M Leite E-mails: kleite@summer.com.br
Rua Estacio de Sa 1838 ps7km@amsat.org
59054-580 Natal, RN, Brasil Fone/Fax: 084-213-2933
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
```

2559. FS: KENWOOD HF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: BQQL61C@prodigy.com
Message-ID: <4nlb03$17gc@usenetz1.news.prodigy.com>
Source record: 201093

KENWOOD TS140S WITH CW FILTER, HAND MIC, POWER CORD AND BOOK. GOOD SHAPE.
NEEDS GOOD HOME. BEST OFFER OVER $450.

-
SEAN HALL/AE4IR/BQQL61C@prodigy.com

2560. WTB: Repeater Autopatch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: k2pj@sccoast.net
Message-ID: <4nl4g3$un6@mel.hargray.com>
Source record: 201094
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

```
In need of a basic repeater autopatch. Please e-mail
with info.

Tnx

Tom
k2pj@sccoast.net
```

2561. Re: Standard on WWW??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <319E1AE2.38BD@voicenet.com>
Source record: 201095

Joe wrote:
>
> Greetings all,
>
> If anyone has the web address for Standard, could you please spare it
> to a reply? LOL
>
> Thanks & 73's!

http://www.stdradio.com/

73

Ray

2562. Yaesu FT-890/AT for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Ken18@Cris.com
Message-ID: <4nlfku$6mj@tribune.concentric.net>
Source record: 201096

I have a Yaesu FT-890/AT All band/mode HF radio for sale. Features built in auto antenna tuner and 100W output. Comes with all standard accessories. Asking $750. Will include DSP9 digital signal processor. If interested please leave E-mail at Ken18@Cris.com or Kwongk@Towers.com

Ken
AA2TD

2563. Re: For Sale Kenwood TS-940s/AT, SP-940, SM-220

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: jleining@planet.net
Message-ID: <4nl7o5$8rr@jupiter.planet.net>
Source record: 201097

> spinsfcl@concentric.net (Frank) writes:
> I will take the best offer for the entire system. There is a very
> minor problem in the TS940, for some reason it needs a two to three
> minute warm up period. Also, the TS940 has been modified for out of
> band transmission for MARS.
>
> I am no longer active in MARS and would consider trading down to
> smaller HF rig.
>
>
> Frank
> N6VQI
>
>>>>
Frank:
I have a 1 year old Kenwood 450S,mint,original box,mic + some cash I will trade you for your 940S system.
Send me a e-mail if interested.

73 Jim

2564. Yaesu FT-890/AT for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Ken18@Cris.com
Message-ID: <4nlfpd$6mj@tribune.concentric.net>
Source record: 201098

I have a Yaesu FT-890/AT All band/mode HF radio for sale. Features built in auto antenna tuner and 100W output. Comes with all standard accessories. Asking $750. Will include DSP9 digital signal processor. If interested please leave E-mail at Ken18@Cris.com or Kwongk@Towers.com

Ken
AA2TD

2565. Re: Ameritron 811 Hookup

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: BQQL61C@prodigy.com
Message-ID: <4nl9t9$ft2@usenetz1.news.prodigy.com>
Source record: 201099

Didn't your AL811 come with instructions?
-
SEAN HALL BQQL61C@prodigy.com

2566. Re: Antenna Installation in Corvette

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: BQQL61C@prodigy.com
Message-ID: <4nla5p$li6@usenetz1.news.prodigy.com>
Source record: 201100

There's an article in a recent QST about installing an antenna and rig in a Corvette. Author welded a steel tongue to chassis and mounted his Hamstick on that. MFJ has a dual band window antenna with a counterpoise which may fit your needs.

-
SEAN HALL /AE4IR/ BQQL61C@prodigy.com

2567. Re: auto antenna tuner questions for new to hf ham

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: BQQL61C@prodigy.com
Message-ID: <4nlac5$1gq4@usenetz1.news.prodigy.com>
Source record: 201101

something else you might consider: just because the needles say 1:1 and 100 watts doesn't mean that's what the antenna's putting out. If your little vertical isn't halfway resonant, you're tuning the feedline, not the stick.

-
SEAN HALL/AE4IR/ BQQL61C@prodigy.com

2568. DJ-G5 Alinco Dual/HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <4nljno$dfa@news.ios.com>
Source record: 201102
Cross-posted to: alt.forsale,rec.radio.amateur.equipment,rec.radio.swap

I have a Alinco DJ-G5 dualband HT, with EMS-9 microphone and
ESC-35 case forsale.
Asking $350.00

Email: rod@venus.hili.com
Call 201-797-1227
Rod

2569. Pro-60 RS MODS needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <4nljrm$dfa@news.ios.com>
Source record: 201103
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,alt.radio.scanner

Need MODS for the Radio Shack Pro-60.

Rod

Email:rod@venus.hili.com

2570. Re: Help with JRL-2000F Linear

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: "Arden K. Ball" <a_ball@frontier.net>
Message-ID: <4nljnp$o9h@molas.frontier.net>
Source record: 201104
Cross-posted to: rec.radio.amateur.equipment,aus.radio.amateur.misc,francom.radio_amateur,in.ham-radio,pt.rec.radio.amadorismo,slac.rec.ham_radio,su.org.ham-radio,tnn.radio.amateur

muto@isl.ntt.jp (Yutaka Muto) writes:
> In article <831035289snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk
> wrote:
>
> > Can anyone tell me about any modification that allows JRC's JRL-2000F HF
> > Linear Amplifier to operate on the 10m band?
> >
> Cut the R151 on CDJ-1143 CONTROL board.
>
> This is the 4th resister mounted besides switch S1. The 1st resister
> R154 is the one to enable TX-mute signal (which usually do not have to
> activate) and there is a description in the manual how to enable this
> one. Do the same to R151, which is connected to IC1 pin 41.
>
>
> > Does anyone know of an owner of one of these units anywhere who might be
> > asked about this?
> >
> I am an one of them.
>
> > 73.
> > --
> > Tony - G3SKR / AA2PM email: tgold@panix.com
> > tgold@microvst.demon.co.uk
> > packet: g3skr@n0ary.#nocal.ca.usa.na
> GL es 73.
>
> Yutaka
> JH1VWP also AB5KW

2571. Re: Antenna Installation in Corvette

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Art Gunderson <wb6vkr@west.net>
Message-ID: <319E51C2.242@west.net>
Source record: 201105

Allan,
If the glass mount directions are followed to the letter you should not have any problems with them comming off. Most of the antenna manufacturers use a super-silicon glue. If you properly clean the glass before applying the glue it will really stick. I think this you best move for a fiberglass body car. There are some single band commercial antennas which do not require a ground plane but I don't remember seeing something which is a dual band which does not. Try looking for an Antenna Specialists catalog. Most two way radio shops have these. Look for the antennas which are used with Paramedic and ambulances. Most of those vehicals have a fiberglass top therefore they use special antennas which do not require a ground plane. One thing to note, the ground-plane-less antennas are usually very narrow band, not very good for the ham bands!.
73's Art WB6VKR

2572. Re: Radio electronics magazine ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Art Gunderson <wb6vkr@west.net>
Message-ID: <319E5795.1557@west.net>
Source record: 201106

John,
Radio Electronics has changed its name to Electronics Now. They can be
reached at 1-800-999-7139. 73's Art WB6VKR

2573. Re: Pocket Morse Code Trainer - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: kerbugh@aol.com
Message-ID: <4nlq2i$m13@newsbf02.news.aol.com>
Source record: 201107

I have the MFJ model. Very nice, but I agree with QST and others... you have to set it up every time you turn it on. Not difficult to do but a nuisance, also I found it rather hard on batteries, hardly used it and had to replace the battaries (??). Hope to increase my speed to Extra, not there yet but feel that the pocket trainers are far better than the tapes, and I can keep going up to 60 ! :-)

Alan

2574. Re: TenTec 2M->6M Xvrtr?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: "B.C. 'Jay' Jackson, Jr." <jackson@mail.us.net>
Message-ID: <20823.jackson@mail.us.net>
Source record: 201108

Finally got around to completing mine last week. It works quite well, is very sensitive, and I get good signal reports from the local stations. One problem is that if I transmit a long winded exchange, the case gets rather warm, and worse, I have noted that the 94 MHz LO frequency drifts significantly with the temperature change.

For those still building or about to build, please note the following errors in the manual:

1. "wrong value". On assemby page 6, step 1-4. The manual says put in a 470 ohm resistor for R54. This is wrong. Instead, put in a 220 ohm resistor for R54. If you put in the 470 ohm like they say, the circuit will still work, but you won't discover the error until you get to assembly page 31, step 5-54b, where they will call for a 470 ohm resistor but you won't have any resistors left except for the 220 ohm that should have been put in back at the beginning. Then you'll have to carefully unsolder and pull it off the board, etc. At least that is what happened to me.

2. "duplicate installation". On assembly page 24, step 4-36. The manual says install L7, a 4.7 uH inductor. You will look all over the board for 15 minutes and never find a spot marked L7, (even though you will have an a 4.7 uH inductor left at that point). The reason is because you will already have installed L7 back on assembly page 8, step 1-51, and won't remebre doing it (at least I didn't). Likewise, assembly page 32, step 5-72 asks you to install the red LED wire that you've already installed earlier.

3. "corrections". TenTec sent me a letter with a 6.8k ohm resistor to be used at R15 (assembly page 8, step 2-20) in place of the 10k ohm that came with the kit. I went back and made the change, but it seemed to work OK with the 10k. In the letter they also clarified assembly page 24, instruction 4-33 as to the orientation of T3 - i.e. ignore the manual, install as on indicated on the board.

4. "tricky steps". The main problem I had building was the winding of RF transformers T4 and T5 (assembly page 29, steps 5-18 thru 5-24). DO NOT follow step 5-18 and cut the red teflon wire to 7.75 inches. If you do, it will be too short. Then you will have to call TenTec and ask for some more red teflon wire. They sent me about 3 feet of it (apparently thought I was gonna screw it up a few more times - HI) in the mail in a few days. Cut it to 8 inches, at least. What I did (the second time around) was prepare one end, solder at point A, then wind transformer, then, when you see about how long its gotta be to reach point B, then cut it! This worked and I had no further trouble with the transformers. However, I recommend that you

not install Q9 and T3 (at steps 4-32 and 4-33) until after you wind T4; because these will be in the way and may get bent.

I indulged my need to tinker and improve with one mod. I redrilled the LED hole in the case to 13/64" and installed a clear frosted bipolar LED on a little piece of PB board, together with two junk box NPN transistors and a few resistors. The LED gets 12 Volts off of the nearby on off switch, but I put a sense wire to the T test point (draws a few ma at most). That way, the LED glows green for power on in receive mode and red when in the transmit mode. Now I am thinking about a small RF relay and an additional connector on the back to bypass the transverter when it is turned off. I think that it is feasible despite what TenTec says.

The model 1209 is a really cool kit. You will enjoy building it (mostly) as it is challenging and works well when you get done. I am anxiously awaiting the Paragon kit (just kidding).

73 de AF4O

B.C. "Jay" Jackson, Jr. - Fairfax, VA

2575. Re: Pro-60 MODS NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <319E67FA.1028@mail.rust.net>
Source record: 201109
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

Blackshadow wrote:
>
> I need mods for Radio Shack Pro-60.
>
> Email: rod@venus.hili.com
> Thank You

The PRO-60 cannot be modified for cellular.

Bill Crocker

2576. Re: Opinions on SSB/CW filters (Drake TR7)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: "Tom C. Brown, Jr." <tbrown@TECLink.net>
Message-ID: <319E8376.117@TECLink.net>
Source record: 201110

Chris Dorn wrote:
>
> Hello,
> I am currently using a Drake TR7, and am interested in opinions on
> filters for CW use. I have a 300Hz CW filter that I find to be useful,
> but very narrow, and am wondering about a filter for more casual CW use.
<<

Hi Chris-

I'd buy the 500 cycle filter as a second unit. But, it might be a waste of money to buy it since you already have one narrower. I have 1500, 500, and 250 cycle filters in my Drake R-4C receivers and I use the 250 cycle filter all the time, unless I am trying to copy a station that is drifting all over the place, really fast. If the station is drifting fairly slowly, I will still use the 250 and just follow `em. The narrow filter will spoil ya! <g>

73, Tom KJ5IE

2577. FT-1000 Expert Needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-18 00:00:00 UTC
From: TDE <tde@snet.net>
Message-ID: <319E8728.5A4B@snet.net>
Source record: 201111

My piece of !$#@ FT-1000 is off frequency about 50 cycles or so. Drives me nuts, love to be exact. Looking for any info on tweaking it back into place. Can this be done easily enough, or is it stricltly a factory job? Thanks very much!!! - Rick, N1SQJ

2578. sale yaesu ft-11r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: jnord@ruok.com
Message-ID: <4nm31v$5b8@scream.ing.com>
Source record: 201015

yeaesu ft-11r for sale with charger and book in box like new
will ship ups c.o.d certifide check
tell me your zip znd i will tell you shiping cost
225+shipping
jason nord
jnord@ruok.com

2579. info wanted on Kenwood TM-621A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4nm4be$c3s@news.ccit.arizona.edu>
Source record: 201016

Looking for info on a Kenwood TM-621A 144/220 dual band mobile. What were the options and accessories offered for this radio? There's a place for a PL board (decode I imagine). Also has an area near the RF unit for something, at least the screw holes suggest that something could go in there. Anybody know anything on this one??

Chris - N7RME

2580. PRO-50 Mod`s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: wrap@euronet.nl
Message-ID: <wrap.14.000B5C47@euronet.nl>
Source record: 201017

Hello all,
Thank you for reading this:
Doe anyone know of any mod`s for the Realistic Pro-50 handheld ?

Greetings,
Jim Wilson
scanman@dds.nl

2581. Re: Info on IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: John Thomas <100553.1214@CompuServe.COM>
Message-ID: <4nn14p$858$2@mhade.production.compuserve.com>
Source record: 201018
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

It's great - buy one

"A shack in a box"

Audio is a bit iffy but its a savage 100w o/p on 6 and gives a good account with 10 on 2. I'm only VHF approved so haven't used the HF side in anger but its a damn good Rx apart from tinny audio but an extensipn speaker does help.

All i use is a 2/70 colinear, 6m vertical 1/4 wave and G5RV for HF Rx

Buy one!!

Jim G7NKS UK

2582. Re: How to Optimize Quads?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4nn3vg$2ktm@info4.rus.uni-stuttgart.de>
Source record: 201019
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

>Clark, WB6ADC has a MFJ-249 SWR Analyzer. The nice thing about this
>battery operated device is that it displays your antenna's specific
>resonant frequency direct on a 10 digit LCD display, from
>1.9MHz~170MHz! No transmitting required.

Very well, but this does not help much to optimize the antenna.
The primary concern in an optimization is to get a good radiation
pattern for the material you invest in the antenna. Of course
a good SWR is also needed, but there are many ways to get there.

>We set my Quad up on a non-conductive mast and stood clear of any
>structures, wires and trees.

And no feed line?

>The Analyzer is
>very reasonably priced, every club should own one!

???

73, Moritz DL5UH

2583. Re: How to Optimize Quads?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4nn4cs$3jfk@info4.rus.uni-stuttgart.de>
Source record: 201020
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

>Im looking for accurate information on how to optimize
>VHF/UHF quad antennas (element lengths, tapering, spacing, etc).
>
>I already know how to build quads.....now I want to build the
>best possible quads.

Hi Brian,

Since antenna software has widely become available, VHF and UHF
Yagis have been optimized considerably. Also the NEC-2 based codes
(e.g. EZNEC) allow to determine the radiation pattern of a VHF or UHF
antenna about as accurate as professional measurements.

This will also be the best way to optimize quads, I am sure someone
has done it.

73, Moritz DL5UH

2584. Alinco DR-150 Mods???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: Bob Wilson <wa4puj@avana.net>
Message-ID: <319F5723.1A33@avana.net>
Source record: 201021

Well...just bought a new DR-150 @ Dayton and can't find any info on any "neat" mods available for it. Anybody have any "poop"?

Thanks

Bob Wilson
WA4PUJ

2585. Re: Info needed on Vibroplex Keyers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: Ian Brothwell <ibx@cs.nott.ac.uk>
Message-ID: <319F2349.10C@cs.nott.ac.uk>
Source record: 201022

Hi Greg. I believe that there is a book covering the history of
Vibroplex - that might be the best source of info re dating your keys.

Regards, Ian G4EAN (Secretary, British Amateur Radio Teledata Group)

Greg Wittig wrote:
>
> Does anyone know how to date Vibroplex Morse keyers.

2586. Help: No Bias; TS-520s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: msr@interpath.net
Message-ID: <msr-1905961035470001@raleigh4-234.interpath.net>
Source record: 201023

I found that I had no output power on my Kenwood. Following the manual to adjust the bias, I was unable to make the needle move.

I have been told it is a common problem. Any hints on where to look would be appreciated. Lacking that, anyone know a safe and reliable place to send it to for repair (hopefully in time for Field Day)?

thanks

+mike
KD4OKR
Raleigh, NC

2587. WTB: Dentron MLA2500B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: n5lbz@aol.com
Message-ID: <4nnbvu$4rv@newsbf02.news.aol.com>
Source record: 201024

WANTED: Dentron MLA2500B in Excellent to MINT condition without tubes. Email scole@juno.com

2588. Kenwood TS-50S for commer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: randal.olds@channel1.com
Message-ID: <40.21184.2424@channel1.com>
Source record: 201025

PA>Does anyone know how I can "open" my TS-50S so it will transmit on any
PA>frequency (not just amateur bands)? Will this also still allow it to
PA>be used in connection with the AT-50 automatic antenna tuner?

TS-50
Expanded RF

1. Remove the bottom cover of the ts-50
2. Locate the PLL board-- it is the pc-board on top of the main board,
it has a shield on it's right side.
3. Locate the only non-surface mounted component on the PLL board look
near the rear left-hand side of the pll board (front of the radio
facing you) and remove the very obvious diode. You can't miss, there
is only one
4. Replace the cover.
5. Perform microprocessor reset as described in your manual.

KD8NV
---
* SLMR 2.1 * Screwdriver antenna = big signal

2589. PK-232 info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: Greg Smith <n8ppz@EriNet.com>
Message-ID: <319F40BC.77CC@EriNet.com>
Source record: 201026

I bought a used PK-232 at the dayton, Hamvention and just wondering how much it would cost to upgrade to the current version of the firmware with PACTOR?

Greg, N8PPZ

n8ppz@erinet.com

http://www.dnaco.net/~gsmith/grego.html

2590. wtb 2m allmode ft290r II

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: luis velis <n3tuk@idsonline.com>
Message-ID: <4nnkfp$jkt@news2.cais.com>
Source record: 201027

Hi there
I am looking for a yaesu 2m allmode ft290R II at very reasonable price..
please email me at n3tuk@idsonline.com

Best 73's
n3tuk/luis

2591. WTB: Drake SPR-4 Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: k1el@aol.com
Message-ID: <4nnjpi$764@newsbf02.news.aol.com>
Source record: 201028

Looking for a Drake SPR-4 General Coverage receiver in good working condidtion. Please E-mail me at K1EL@aol.org or tel. 603-673-8092

Thanks, de Steve Elliott K1EL Mont Vernon NH

2592. Low Power FM Broadcast

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: Bill_Combs@mgdmug.ORG
Message-ID: <199605191259.0129F64A@mgdmug.org>
Source record: 201029

I have a question that does not pertain to this list, but I have not been able to find any info anywhere so I thought I would see if anyone out there could help or direct me. I have called the FCC, but I can't seem to get past all the
bureaucrats in order to talk to someone who knows anything.

I am trying to find info on low power, noncommerical FM broadcast stations. The school where I work is interested in setting one up. Back in the 60s when I took my 2nd class radio telephone license, I remember questions about 10 watt FM
college stations that did not have to meet all the requirements of regular stations. Does anyone have any info on this. I am also interested in the requirements for noncommerical stations in general. I know they operate at the low end of
the FM band, around 88 to 89 mhz. I have gotten the impression from some of the things I have read (and it clearly may be a false impression) that people are operating 10 watt stations without a license. Is this now legal? I have looked at
the books which deal with the radio telephone commerical license, but again I find nothing about the noncommerical part of the band or about low power college stations in particular. I notice Ramsey Electronics is selling some 1 watt and
lower, stereo FM transmitters. They suggest, I believe, they are used by college stations.

Thanks,

Bill K4CPK

BillCombs@aol.com

2593. Re: Icom T22A HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: Wozniac@netdepot.com
Message-ID: <Wozniac-1905961302160001@thebe03.netdepot.com>
Source record: 201030

In article <319950D1.695@paonline.com>, Jonathan Kohn
<leajen@paonline.com> wrote:

> Any opinions on the Icom, IC-T22A ht would be appreciated.
> Reply here or at: leajen@paonline.com
> Thanks 73 JON, N3AJB

I bought a T22A in Febuary...I love it! The small size and light weight make it a joy to carry around. My only complaint is the lack of a backlit keypad...autopatch use is "interesting" at night. Take my advice - If you're in the market for a small, easy to use 2m HT, go with the T22A (the price is nice as well!) Be sure to get a better antenna for it, the stock rubber duck isn't very flexible or very good (I would suggest getting a Larsen Kulduckie...a million times better than the stock duck! If you need a stubby antenna, go with the Comet miracle baby...it really makes it handy!)

I hope this has helped.

73 de KF4GJR
--Ted

2594. Re: Kenwood TS-50S for commer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4nnudk$6l7@crash.microserve.net>
Source record: 201031

randal.olds@channel1.com (Randal Olds) wrote:

>PA>Does anyone know how I can "open" my TS-50S so it will transmit
>PA>on any frequency (not just amateur bands)? Will this also still
>PA>allow it to be used in connection with the AT-50 automatic antenna
>PA>tuner?

>1. Remove the bottom cover of the ts-50

<snip>

Can someone tell me what people are doing with all these modified
transmitters? Is there a service besides Amateur Radio where they
can be legally used without type acceptance?

73,
Jack WB3U

2595. FORSALE: HYGAIN DX-77 ANTENNA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: dhickey389@aol.com
Message-ID: <4no0fh$bal@newsbf02.news.aol.com>
Source record: 201032

NEW DX-77 ANTENNA FOR SALE. NEVER USED $299
CALL 708 409-9229 LEAVE MESSAGE. DENNIS

2596. RE: AL811 AMPLIFIER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: dhickey389@aol.com
Message-ID: <4no0o8$bd6@newsbf02.news.aol.com>
Source record: 201033

FOR SALE AMERITRON AL 811 1 YEAR OLD. MINT CONDITION $499
CALL 708 409-9229 LEAVE MESSAGE. DENNIS

2597. RE: CD-45-II ROTATOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: dhickey389@aol.com
Message-ID: <4no18h$bis@newsbf02.news.aol.com>
Source record: 201034

FOR SALE CD 45-II NEW IN BOX WITH 100 FT. BELDEN 8448 CABLE BOTH FOR $225.
CALL 708 409-9229 LEAVE MESSAGE. DENNIS.

2598. ACC SHACKMASTER 100 info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: shfoster@ix.netcom.com
Message-ID: <4no011$joc@dfw-ixnews4.ix.netcom.com>
Source record: 201035

Hi , I just came across an ac100 with 1.6 software. I need some help in hooking it up.
1 What hf rigs does it support,How are they connected ?
2 Can I use a dualband radio instead of 2 seperate rigs to controll it?
3 Any suggestions/suggestions from users.

Thanks in advance . Steve WB5OMP shfoster@ix.netcom.com

2599. WTB:TM-702 Knwd Dualband mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: NewsRadio <jmckay@interlog.com>
Message-ID: <319F7FA6.C5B@interlog.com>
Source record: 201036

I'm looking for a kenwood dualband (2m/440) mobile or similar dualbander.
Preferably a radio that can be modified or hasbeen mod'd for extended
frequency coverage on V/Uhf.

Please e-mail me..

jmckay@interlog.com

VE3OBP

Thanks..

--

The Canadian Broadcast Directory and
Broadcast Engineering Pages:
http://www.interlog.com/~jmckay

2600. Re: surplus stores in Boston, Philadelphia????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.96May19195308@mipgsun.mipg.upenn.edu>
Source record: 201037
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

Here is info about Fertik's in Philadelphia. It is from Leon Fertik's business card. Note, I suspect that the telephone number listed is his home number.

1(215)455-2121
5400 Ella Street
Phila, Pa 19120

Thur 7p-9p
Sat 9a - 3p

From Skuylkill Expressway, take US 1 North Bound. When the highway turns into a regular road, make a left turn at Rising Sun avenue. Take Rising Sun Avenue past the fire company and make an immediate left. This will get you onto Summerville. Go to the end of Sumerville. This is Ella St. You should see the warehouse a little on the right.

The directions are from the picture on the back of the business card.

My info is about 2 years old but I have confirmation that Mr. Fertik is still in business from another netter.
--
| 73 de Conway Yee, N2JWQ | DON'T
| EMAIL : yee@mipg.upenn.edu | TREAD
| TELEPHONE : | ON
| FAX : | ME!

2601. Need mike pinout for Motorola Maxtrac

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: ernurse@ix.netcom.com
Message-ID: <4nobnj$4o2@sjx-ixn3.ix.netcom.com>
Source record: 201038

Anybody have the pinout for a motorola maxtrac 300 with the 8 pin
telephone-jack style modular connector? If so, I'd be eternally
grateful if you'd send it to me! Thanks.
--

73 de Brian

|---|
| Internet: n2ofm@ampr-gw.essradio.com |
| (no large files or commercial traffic) |
| |
| Internet: ernurse@ix.netcom.com |
| |
| AX25 Packet: N2OFM @ N2IMC.NJ.USA.NA |
| |
| Amprnet: n2ofm@n2ofm.ampr.org [44.68.48.112] |
| |
Amprnet: n2ofm@gw.k2mf.ampr.org [44.64.20.2]

2602. Needed: FT-901 dm Service manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: Jay Blum <ad4uq@pop.gate.net>
Message-ID: <319FE85E.5607@pop.gate.net>
Source record: 201039

I am in need of the referenced manual. Any Help?

Jay, AD4UQ
ad4uq@gate.net

2603. Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: klausner@crl.com
Message-ID: <4noghp$oev@crl14.crl.com>
Source record: 201040

Has anyone ever done any impartial performance comparisons on various rubber ducky antennas? Specifically for 2M and 70CM.

I look at things like the "Miracle Baby", and have to agree with the guy at the Ham Store that "Baby, it would be a miracle if it worked." At least that's the intuitive response looking at it.

Anyone have hard facts on this and some of the others?

--

Ben Klausner, N5DJL | "Beware of bugs in the above code;
klausner@crl.com | I have only proved it correct,
Austin, TX | not tried it." -- Donald Knuth

2604. Sask / Pkt / Internet Ham Radio Swap & Shop May 19

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: Bruce Donovan <bdonovan@sasknet.sk.ca>
Message-ID: <319FD61A.424D@sasknet.sk.ca>
Source record: 201041
Cross-posted to:
ont.forsale,wpg.forsale,rec.radio.amateur.swap,rec.radio.amateur.equipment,rec.radio.radio.swap,tor.forsale,can.atlantic.forsale

SK/PACKET/INTERNET SWAP & SHOP, S=FOR SALE, W=WANT, BO=BEST
OFFER NEG=NEGOTIABLE

1. May 19, 1996 VE5ND@VE5LPM.#NESK.SK.CAN.NOAM
bdonovan@sasknet.sk.ca

OP CALL NAME QTH PHONE DATE
ITEM

==========
==========

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
ANT T1> TELEX HYGAIN TH7DX 7 ELEMENT ANTENNA, W 73 FOOT TRYLON
TOWER

S VE5YK SYL STOON ESTATE SA CONTINUED 04/26/96
ANT T2> TAILTWISTER ROTOR, SELL AS A UNIT ($1825)

S VE5YK SYL SASKATOON 382-3894 04/28/96
ANT> HF6V VERTICAL ANTENNA (OFFERS)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
ANT> HYGAIN MOBILE HEAVY DUTY ANTENNA W MAST, 40 & 80M RES ($75)

S VE5YK SYL SASKATOON 382-3894 04/28/96
ANT> TELIX QK-710 EXPLORER 14" ANT, MODIFIES EX-14 30 & 40M
(OFFERS)

S VE7TMA TOM COURTENAY 604-337-5577 04/26/96
BRIDGE> MFJ202B HF ANTENNA NOISE BRIDGE ($50)

S VE7TMA TOM COURTENAY 604-337-5577 04/26/96
BRIDGE> MFJ204B ANTENNA BRIDGE W MANUAL, ORIGINAL BOX ($65)

S VE5AAT JOHN MOOSIMIN 438-3747 04/26/96
CHECKER> MICRO DYNAMIC TRANSISTOR CHECKER ($25)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
CITER> MULTI ELMAC TRANSCITER, TRANSMITTER AF-67 (OFFERS)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
DUAL> YAESU DUAL BAND 2M FM FT-5100 ($450)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
DUMMY> MFJ MODEL 262 DUMMY LOAD 1000 WATTS ($60)

S VE5YK SYL SASKATOON 382-3894 04/28/96
GEN> LAFAYETTE MODEL 99-5015 SIGNAL GENERATOR ($20)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
HT> FT 411E HT, W CHARGER AND MANUAL ($250)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
HT> IC-02AT HT W MIC, 2-13.3 VOLT BATT., & CHARGER ($275)

S VE5FF GERARD LLOYDMINSTER 875-7684 05/18/96
KWM2> KWM2 FOR SALE OR TRADE ($500)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
PATCH> ICOM PHONE PATCH ($50)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
PS> ELMAC PS 2V PS (OFFERS)

S VE5YK SYL STOON ESTATE SA 382-3894 04/26/96
STATION> IC-751, TUNER, PWR SPLY, PATCH ALL FOR ($1250)

S VE6WT ANDE MEDICINE HAT BX 403-528-3526 04/30/96
TUBES> MATCHED PAIR OF 6JB6'S ($25.00 A PAIR)

S VE8MN MATT SASKATOON 374-9527 02/24/96
TUBES> TWO 572 TUBES ($200 FOR THE PAIR)

S VE6GN ARNE CALGARY 403-288-8591 05/15/96
TUNER> ICOM AT 500 AUTOMATIC ANTENNA TUNER ($500)

S VE7BYS DENNIS 100 MI. HOUSE 604-395-4864 05/15/96
TUNER> MFJ TUNER GOOD FOR 10 - 160M ($135)

W ------- ---------- WANTED ------- ------------ / /

W VE6COH KEN PICTURE BUTTE 403-732-5618 05/15/96
CAP> VARIABLE CAPACITOR 500 - 1000 pF

W VE4AH TOM STONEWALL 204-467-5647 05/15/96
HF> ANY TUBE TRANSMITTER OR RECEIVER

W VE5AAT JOHN MOOSIMIN 435-2747 05/15/96
MAN> INSTRUCTION MANUAL FOR HEATHKIT PHONE PATCH FOR SB 630

W VE6XF DON RED DEER 403-341-6071 04/26/96
SCHEM> SCHEMATIC OR MANUAL FOR MFJ 941B TUNER, CAN CALL COLLECT

W VE6WAD WILF WETASKWIN 403-352-7843 04/26/96
SOFTWARE> FOR IBM FOR AEA COMPUTER PATCH OR INTERFACE CP-1

W VE5RC BRUCE REGINA 584-2059 04/26/96
TNC> TINY 2 OR KPC-3 TNC email rattray@siast.sk.ca

W VE5JON JOHN GRENFELL 04/26/96
USED HANDHELD, CAN CONTACT VE5KF KEN

The End

2605. Ever heard of this?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <319FE9FB.3F70@southwind.net>
Source record: 201042

I picked up a mag mount antenna the other day. It is made by Motorola
and called "Mocat". The antenna resonates on 10m and works quite well.
Has anyone ever heard of this antenna? What band was it designed for?
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

2606. Icom W31-a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: "Richard D. Spector" <richard.d.spector@csus.edu>
Message-ID: <319FB540.27BD@csus.edu>
Source record: 201043

I am new to amateur radio and I am looking to buy my first radio.

I have heard good things about the IC w31-a . Does anyone have any comments on this rig, good or bad. Or does anyone have any suggestions on a dual band HT. Thanks for the help.

Richard

2607. Re: AEA vs. the CUSTOMER!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-19 00:00:00 UTC
From: jdonimi@nv2.uswnvg.com
Message-ID: <4nmhif$d30@fred.uswnvg.com>
Source record: 201044
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Dino Darling (dinod@deltanet.com) wrote:
: In article <4n142t$16p@newsbf02.news.aol.com>, parf@aol.com says...
: >
: >I own the MFJ and aside from recalibrating the resistance meter it has
: >been fine. I also owned the AEA VHF/UHF meter. They don't tell you that
: >the accessory software will NOT allow the meter to be run via a computer
: >(HF meter will). I also am fortunate to own an HP8711B network analyzer
: >and using its standards ($680 a set) showed that the AEA indicated 1:1
: >VSWR when the load was close to 75 Ohms- 50 Ohms indicated about 1.4:1.
: >VHF was better but still 1:1 was above 50 Ohms. When I called AEA to
: >discuss this I was told "that's about the accuracy you should expect for a
: >$400 instrument- I sold it at the next flea market.
: >
: >73, Dale WA2YPY

: I am not surprised to see this reply from Dale. AEA has always been HORIBLE
: when dealing with its customers! I sold ALL of my AEA equipment and now own
: Kantronics due to their lack of customer relations. Even if the AEA
: analizer was better, I would NOT buy it! Why should I, I would only get the
: "accuracy" of a $400.00 instrument. I can get that from an MFJ at HALF the
: price. AEA is a sad company...its really too bad.

: Dino Darling KC6RIX
: dinod@deltanet.com

I understand that Rod Proctor, the president of AEA was recently

replaced by Mike Lamb, the guy who started the company in the first

place. Since I heard from someone who knows that Proctor liked to

fire the competent people from the Mike Lamb days and replace them

with less experienced people, maybe Mike's return is a sign that the

above problems will go away. I sure hope so!

Jeremy WA7YGB

e

2608. Re: Santec 144up 2 meter HT; What's it worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Ed Cortes <ecortes@bb.iu.net>
Message-ID: <31A0AFB1.69E2@bb.iu.net>
Source record: 200912

Denny Alford wrote:
>
> What is the value of a Santec 144up 2 meter HT with desk charger? It
> has 3 power levels, is a synthesized, 10 memory HT programable with
> touchtone keypad. It is in very nice condition.I have one that I purchase 10 years ago and is a good radio. I pay 275.00
at that time. If it is in good conditions maybe 100.00 remember all the features that the new radios have and this one doesn't when you consider the offering price.

2609. Re: Any recomendations for TS-930 repair shop?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Saad Mahaini <5606939@MCImail.com>
Message-ID: <4nq17q$4js@news.internetmci.com>
Source record: 200913

rmozer@puma.cyberport.com (Ron Mozer) wrote:
>
> I have a TS-930 that exibits an intermitting receive problem. The receiver
> goes deaf to all but the strongest of signals but comes back to life
> (sometimes) when you change bands or turn the radio off and back on. Does
> anybody have any recomendations for a service shop that might be able to
> fix it?
>
> Thanks, 73 de Ron / ki5oh
> ron@epfsc.com
> ki5oh@fmngw.ki5oh.ampr.org
> http://www.cyberport.com/~ki5oh

Check with International Radio in Florida. They are very experienced
with these radios. Do not even consider Tucker Electronics, since they
have no idea on what to do in the radio repair area.

Good Luck

2610. Re: Henry 2002 Manual/Schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Mike Willis <mjw@rcru.rl.ac.uk>
Message-ID: <31A08DF4.6523@rcru.rl.ac.uk>
Source record: 200914

John Kitchens wrote:
>
> I need a manual and schematic for the Henry 2002 2 meter amp. Have to
> rebuild the power supply.
>
> Thanks,
>
> NS6X

Rebuilding the PSU is advisable. The last thing you want is the original design. Start again from the beginning. Also fit a decent blower and some safety features.

Mike

2611. Mods for DJ191 wanted...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: pu2uep@unix.bhnet.com.br
Message-ID: <4nq52d$168@bunyip.cc.uq.oz.au>
Source record: 200915

Hello everybody!

I just receive the new DJ191 HT. Now, I m looking for mods to open the
TX band (by default 144~148) for use it in may job also.

Any help will be wellcome.

Thank you in advance.

Demilson Quint o - PY2UEP

2612. Re: Grid indicator of HF Liner Amplifier ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4nq72q$q4j@newsbf02.news.aol.com>
Source record: 200916

In article <31A0CF76.2187@nextel.net>, "jaiyoung,yi" <comtech1@nextel.net>
writes:

>
>I am using H.F amplifier. What I am worrying about is that I can't
>understand the indication of grid. When I am using amplifier on 20 meter
>band into one element quad antenna, the indication of grid is less than
>25 amp with 600 watt -output in average. However, I am using it into
>three element quad antenna on 15 meter band, indication of grid shows me
>around 50 amp or more,but less than 70.(output is around 600 watt).
>What I wonder is that I am using same watt but different indication of
>grid. Is it good or not for me to have high indication of grid ?
>Anyone who give information regarding this problem will highly be appre-
>ciated.

What tube is it and what amplifier?

73 Tom

2613. Re: Icom W31-a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: mead@dg.com
Message-ID: <4nq3ti$j90@dg-rtp.dg.com>
Source record: 200917

In article <319FB540.27BD@csus.edu>, richard.d.spector@csus.edu wrote:
>I am new to amateur radio and I am looking to buy my first radio.
>
>I have heard good things about the IC w31-a . Does anyone have any
>comments on this rig, good or bad. Or does anyone have any suggestions
>on a dual band HT. Thanks for the help.
>
>Richard
I bought 3 ht's before settling down with the w31a. I liked it so much I
bought a second one for my wife.

Dislikes:
If you want to use it as a scanner to scan within a frequency range, it is not
as user friendly as a good scanner. Other scanning functions work well.

Not sure on this one, but I don't think it does cross band repeat. The reason
I am not sure is that I have never been in a situation where a cross-band
repeating ht would be useful, so I've never tried it.

Likes:
True dual bander - you can receive on one band while transmitting on the
other. It also allows both halves of the radio to be used for the same band.
The radio can do VHF/UHF, VHF/VHF, UHF/UHF, and single band where you can
turn half of the radio off and just use it as a monobander. In mono-band
mode you can still switch back and forth between VHF and UHF.

Large display. Easy to read.

Excellent transmit audio and very good reveive audio.

Works 1200 packet with no problems.

Weather channels are built in and do not require any programming, nor do they
use up any memory slots.

Small and lite enough to be carried in a pocket.

Good battery performance.

When I checked mine it was doing about 7 watts when using the 12 v. adavpter

The backlit display is very nice.

Programming is very intuitive.

The knobs can be used for tuning or volume.

Mods available for rcv and transmit.

The antenna that comes with it works well.

Programmable ID, so if you have more than 1 you can tell which is which.

User settable memory labels.

There is more, but this is the top of the list.

.---.
Glenn Mead	KE4ZEA	
Data General Corp.	e-mail mead@dg.com	Without challenge there
62 Alexander Dr.	voice 919/248-6029	is no chance to excel.
RTP, NC 27709	fax 919/248-6108	
packet KE4ZEA@KB4WGA.#DUR.NC.USA.NOAM
`---'

2614. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: tomb@lsid.hp.com
Message-ID: <4nqe7c$qge@hpcvsnz.cv.hp.com>
Source record: 200918
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Anthony O. Cardenas ~ WA6IGJ (doc@dxnet.com) wrote:
: Truth is...

: The 'thru-the-glass' antenna(s) uses two plates as capacity-coupling
: between the coax and antenna. It will never equal the efficiency of a
: direct connection to the active element (period).

Oh, let me play Devil's Advocate here for a moment. Consider such a capacity coupling from a 50 ohm feedline to an antenna which has a feedpoint impedance of 40+j500 ohms, and the frequency and thru-glass coupling is such that the capacitance is 10-j500 ohms. Then the efficiency will be 80%, and we will have a perfect match to the feedline. Now consider directly coupling the same 50 ohm line directly to the same feedpoint impedance, so the SWR is, what, 10:1. Assume the line has a matched-line loss of 1dB. Then you must consider the additional loss on the line because of SWR, and any inefficiency in the matching network you will likely have to use at the other end of the line.

Of course, what I outlined is not a very practical example; it would be difficult to design a simple radiator with that high a ratio of inductive reactance to resistance, and further more, there would be no reason to not change the radiator somewhat to more closely match the line. But the point is that you should always consider the tradeoffs between actual complete systems, not just the loss in one element of the system.

--
Cheers,
Tom
tomb@lsid.hp.com

2615. Re: Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: klausner@crl.com
Message-ID: <4nqbte$jo7@crl.crl.com>
Source record: 200919

In article <jpss-2005960742300001@ts01-26.dialup.ais.net>,
Chip <jpss@ais.net> wrote:
>In article <4noghp$oev@crl14.crl.com>, klausner@crl.com (Ben Klausner) wrote:
>
>> Has anyone ever done any impartial performance comparisons on various
>> rubber ducky antennas? Specifically for 2M and 70CM.
>>
>> I look at things like the "Miracle Baby", and have to agree with the guy at
>> the Ham Store that "Baby, it would be a miracle if it worked." At least
>> that's the intuitive response looking at it.
>\
>
> It is a expensive DUMMY LOAD for your HT. Its great to use if your want
>to really cripple the TX of your HT. Do NOT waste your money.

Well that would indeed seem to be the case intuitively, but I'll ask again:
Has anyone done a real, measured comparison of rubberducky antennas?

--

Ben Klausner, N5DJL | "Beware of bugs in the above code;
klausner@crl.com | I have only proved it correct,
Austin, TX | not tried it." -- Donald Knuth

2616. Knwd th78 HT questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: johanb01@tigger.stcloud.msus.edu
Message-ID: <johanb01.98.00024E0B@tigger.stcloud.msus.edu>
Source record: 200920

How do I get my handheld into car. op. squelch. I tried as the manual sugest and hold down 8 while powering up or the VHF side. But it stays in time scan mode. Any ideas, or did I miss something in the manual.

Brad
KB0HNN

2617. Motorola SSB Looking For

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: eusrdf@exu.ericsson.se
Message-ID: <4nqdnr$aap@cnn.exu.ericsson.se>
Source record: 200921
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur

I am in need of the programming board for the Motorola Micom-s HF-SSB radio.
This is the pc board that can be mounted inside the radio to program the channel information. Once the radio was programmed the board could be removed vrom the radio.
This radio was sold under the name Micom-s or Triton-s, bother were almost identical.
I might be interested in purchasing other parts for this series of radios, including the T-1959 automatic tuner.
Richard Fitzgerald

2618. Re: Standard on WWW??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Richard@DrForeman.carson-city.nv.us
Message-ID: <4nq93m$2uj@news.greatbasin.net>
Source record: 200922

In article <4nklbv$pfg@argentina.it.earthlink.net>, medic33@earthlink.com says...
>
>Greetings all,
>
> If anyone has the web address for Standard, could you please spare it
>to a reply? LOL

Yes Standard is on the Web the address is:

http://www.stdradio.com

2619. Re: Help: No Bias; TS-520s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: ns1z@agate.net
Message-ID: <4nqha4$ot8@service-2.agate.net>
Source record: 200923

msr@interpath.net (Michael Ramsey) penned thusly:

>I found that I had no output power on my Kenwood. Following the manual to
>adjust the bias, I was unable to make the needle move.

>I have been told it is a common problem. Any hints on where to look would
>be appreciated. Lacking that, anyone know a safe and reliable place to
>send it to for repair (hopefully in time for Field Day)?

Hmmm?? I would be interested in this information also as our club
purchased a TS-520 which originally worked well but now the idle
current is 180 mA in LSB and >200 in USB. Not really up on this
"hollow state" stuff so any help is GREATLY appreciated. Thanks

2620. FS: KENWOOD HF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: BQQL61C@prodigy.com
Message-ID: <4nqjrf$197k@usenetz1.news.prodigy.com>
Source record: 200924

Kenwood TS140S with CW filter, hand mic, power cord and book. Best offer over $450. I'll ship. needs good home!

-
SEAN HALL BQQL61C@prodigy.com

2621. Re: Garage door opener rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: derose@looking-glass.caltech.edu
Message-ID: <derose.204.01570E49@looking-glass.caltech.edu>
Source record: 200925
Cross-posted to: sci.electronics.misc,sci.electronics.repair,sci.electronics.design,rec.radio.amateur.equipment

In article <4n96l9$96t@news02.deltanet.com> jlundgre@delta1.deltanet.com (John Lundgren) writes:

>If this solenoid is powered off the AC then the remote AC control would be
>a good choice. But the AC can fail at times and then you're locked out.
>(We had a city-wide power failure today for more than an hour. It's funny
>how you don't realize how important the electricity is until you don't
>have it.)
If the AC fails, whether the remote works or not is no longer an issue.
Without the AC, the door isn't going to open by the automatic opener anyway. ;)

Guy A. DeRose
Physicist, homebrewer, PP-ASEL, KE6JTN

2622. Re: surplus stores in Boston, Philadelphia????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1996May20.120810.537@nad.com>
Source record: 200926

In article <YEE.96May19195308@mipgsun.mipg.upenn.edu>, yee@mipg.upenn.edu (Conway Yee) writes:
[snip]
> From Skuylkill Expressway, take US 1 North Bound. When the highway
> turns into a regular road, make a left turn at Rising Sun avenue.
> Take Rising Sun Avenue past the fire company and make an immediate
> left. This will get you onto Summerville. Go to the end of
> Sumerville. This is Ella St. You should see the warehouse a little
> on the right.
> The directions are from the picture on the back of the business card.
> My info is about 2 years old but I have confirmation that Mr. Fertik
> is still in business from another netter.
> --
Yes, Leon is still there. The directions are good. I was there last week.
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

2623. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4nqts7$4cqi@news-s01.ny.us.ibm.net>
Source record: 200927
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In <4nqe7c$qge@hpcvsnz.cv.hp.com>, tomb@lsid.hp.com (Tom Bruhns) writes:
>Anthony O. Cardenas ~ WA6IGJ (doc@dxnet.com) wrote:
>: Truth is...
>
>: The 'thru-the-glass' antenna(s) uses two plates as capacity-coupling
>: between the coax and antenna. It will never equal the efficiency of a
>: direct connection to the active element (period).
>
snip... snip...

Agreed 100%... Even the best glass mt antenna has less gain than a mid to high end mag mt whip... The pattern is different, and there is more loss, I looked at the specs...

The big thing that has goone unnoticed is that glass mounts transmit better than they receive... This is especially true with a friend of mine who has the radio smack HTX-242 with the rad-smack dual band glass mount (which I personally think is a piece of crap). On a 5/8 wave antenna he picks up a repeater at "full scale", but on the glass mt the same repeater is S7 to S9... This particularly annoys me because we frequently talk simplex and I am often told to "turn up" my TX power (which never used to happen on his HTX-202-5/8 wave combo)..

I suppose that the 242 may not be as sensitive, and it may also have to do with the fact that he side-mounted the antenna, in other words didn't want to put it on the center of windshield or back window (due to defroster lines), so he put it on a side window on the back of his mini-van...

Anyhow we don't do much simplex now because of this, I'm trying to get him to at least get a 2M preamp or something to help... UHF just plain sucks, anywhere I can get with my duck I can get on this antenna...

Your comments please...

Thanks,
Steve W.
N2RWE

2624. WTD: .01mfd, 5kv

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Jonathan Kohn <leajen@paonline.com>
Message-ID: <31A1227C.6089@paonline.com>
Source record: 200928

If anyone ahs several .01mfd, at 5kv, bypass capS, please let me know.
reply here or direct to me at: leajen@paonline.com
tnx and 73, JON N3AJB

2625. ECUADOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Adam Lilien <elainem@pacificnet.net>
Message-ID: <31A0A25A.6677@pacificnet.net>
Source record: 200929

Felicitaciones Jaime Nebot Saadi, ojala todo se cumpla con la mejor
suerte para ti y todos los Ecuatorianos.
Viva el Ecuador!!!!!!

2626. ICOM IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: "Kenneth I. Rotker" <ken@pe.net>
Message-ID: <31A10228.2D6D@pe.net>
Source record: 200930

I'm thinking about buying this rig and would appreciate a review of this product from those who have experience using, and/or owning one. Comments such as advantages/limitations, quality control, quirks & bugs, features, and operating experience would be especially helpful. Thanks for your input.

73,

Ken, W4OFE

2627. Re: Larsen glass mount antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: smason@agt.net
Message-ID: <31a106f1.8992412@news.agt.net>
Source record: 200931
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

On Wed, 15 May 1996 22:36:45 GMT, kucharsk@nessie.dr.att.com (William Kucharski) wrote:

>Yes, they work quite well. I have the Larson KG 2/70.

Same here, works great.

> >4. Do these things really stay glued onto the glass at 'highway speeds'?
>
>Yes. I've been up to 80 MPH with no problems, though the antenna does sing
>quite a bit at higher speeds/higher wind speeds.

Mine hangs on really well. I knoked the little ball of of the top of it, after going through a low parkade too many times. Even after 2 years of that sort of abuse, I needed a heat gun, and a ton of elbow grease to remove it, to transfer it to my new vehicle.

>
>But, MAKE SURE TO FOLLOW THE DIRECTIONS. Clean the glass throughly, make sure
>you use the pre-adhesive they give you, and make sure the temperature of the
>window is in the recommended range.

Agreed. A friend of mine has the 2m only version, and it fell off. I suspect he installed it when it was too cold.

Steve VE6STV

2628. Re: Alinco DR-590 info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: smason@agt.net
Message-ID: <31a0fc7e.6316052@news.agt.net>
Source record: 200932

On Wed, 15 May 1996 11:47:52 GMT, vk2gjt@netwit.net.au (Gregory J. Towells) wrote:

>Hello all,
>
>Some time ago I vaguely recall information regarding modifications
>that can be done to an Alinco DR-590 to correct the temperature
>sensitive squelch setup within the radio. Does anyone know anything
>about this?

I haven't heard anything about it, but I'd be very interested. The UHF squelch of my 590 is very temperature sensitive.

Steve

2629. Re: Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31A1022E.1F58@southwind.net>
Source record: 200933

Ben Klausner wrote:
>
> In article <jpss-2005960742300001@ts01-26.dialup.ais.net>,
> Chip <jpss@ais.net> wrote:
> >In article <4noghp$oev@crl14.crl.com>, klausner@crl.com (Ben Klausner) wrote:
> >
> >> Has anyone ever done any impartial performance comparisons on various
> >> rubber ducky antennas? Specifically for 2M and 70CM.
> >>
> >> I look at things like the "Miracle Baby", and have to agree with the guy at
> >> the Ham Store that "Baby, it would be a miracle if it worked." At least
> >> that's the intuitive response looking at it.
> >>\
> >
> > It is a expensive DUMMY LOAD for your HT. Its great to use if your want
> >to really cripple the TX of your HT. Do NOT waste your money.
>
> Well that would indeed seem to be the case intuitively, but I'll ask again:
> Has anyone done a real, measured comparison of rubberducky antennas?
>
> --
> --
> Ben Klausner, N5DJL | "Beware of bugs in the above code;
> klausner@crl.com | I have only proved it correct,
> Austin, TX | not tried it." -- Donald Knuth

A few years ago, I preformed this test:

I had three radios - Alinco DJ580, Yaesu FT470, and a Kenwood TH78.

I tested the radios, on 2m & 70cm, simplex, RX&TX. I tested all
combinations of the radios, mixing the antennas. The other station
a large all mode satelite station a good distance away. All the tests
were done three times in all modes. Man, did I kill some battery
packs.

Anyways, here were the results - #1 best, etc.

Alinco DJ580 antenna - #1 both bands
Kenwood TH78 antenna - #2 both bands, almost #1 on 440.
Yaesu FT470 antenna - #3 Both bands, almost #2 on 2 meters.

Hope this helps!
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

2630. FT-10R Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: newman@maine.maine.edu
Message-ID: <4nqbcb$u3o@sol.caps.maine.edu>
Source record: 200934

Are there any Mods out for the FT-10R? I specifically want ot open up
the transmit so that I can use it at work also.

2631. Q's on Micor 2M radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Tim Deagan <tim@thinkagain.com>
Message-ID: <31A0C747.1F8A@thinkagain.com>
Source record: 200935

Just bought a MICOR 'FM TWO-WAY RADIO' set for 147.50 (2M packet operation). (model # T73RTN1190A)

Q1) Can anyone gives me details regarding the power supply requirements for this radio? It's spec'd at 110W and tuned for 80W. I know it's 12VDC and I'm guessing 20A. suggestions for cheap supplies?

Q2) Can manuals for this radio be scored?

Q3) Anything interesting about use that I might want to be aware of?

Thanks,
--tim KC5QFG

2632. Need IC-761 Service Bulletin

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: hartley@smart.net
Message-ID: <NEWTNews.832653988.29669.hartley@hartley.smart.net>
Source record: 200936

Greetings, I am looking for a copy of ICOM service bulletin 24287-005 for the IC-761. ICOM accidently lost or mailed their last copy to someone and they have no way of determining what it contained. It has something to do with fixing the PLL lockup problem with the early versions. Anyone out there have a copy of this bulletin?

Tnx es 73,
Chuck - KM3V
hartley@smart.net

2633. Re: Forsale: Gellcell batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Nathan Odle <c670064@showme.missouri.edu>
Message-ID: <31A13C29.248760C9@showme.missouri.edu>
Source record: 200937

Very interested in the batteries...please mail list to below address.

P.S. Are the batteries' storage capacities / performance affected by
the cold storage test?

--

-Nathan
c670064@showme.missouri.edu
http://www.missouri.edu/~c670064/

2634. NEED HELP-YAESU FT-5100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: mcb07@aol.com
Message-ID: <4nre55$9lc@newsbf02.news.aol.com>
Source record: 200938

PLEASE E-MAIL MCBO7@A0L.COM, HOW TO TURN OFF PRIORITY SCAN. I HAVE LOST MY MANUAL. THANKS IN ADVANCE , MCB O7.

2635. Re: Antenna Installation in Corvette

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Nathan Odle <c670064@showme.missouri.edu>
Message-ID: <31A13E2F.71401AA6@showme.missouri.edu>
Source record: 200939

I did an antenna install on our fiberglass fish / ski boat...used a Shakespeare marine VHF antenna...it was fairly broadbanded and the SWR wasn't bad at all in the ham band. It used a massive mount, though...but didn't need ground plane.

--

-Nathan
c670064@showme.missouri.edu
http://www.missouri.edu/~c670064/

2636. WTB: YAESU FT-530 WILL TRADE KENWOOD TH-28A w/MIC FOR PART OF PRICE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Nathan Odle <c670064@showme.missouri.edu>
Message-ID: <31A13F94.5A156FB8@showme.missouri.edu>
Source record: 200940

I would really love to buy somebody's Yaesu FT-530. I currently have a Kenwood TH-28A with programmable microphone I'd like to trade for part of the price, but that's not necessary. I want to get rid of the Kenwood, because while the reciever in this radio is pretty "hot", and works great with the duck, it just isn't selective enough when I hook it up to my high-gain Maldol mobile antenna. If you'd like to deal, reply to the e-mail address listed below...

--

-Nathan
c670064@showme.missouri.edu
http://www.missouri.edu/~c670064/

2637. Re: WTB: YAESU FT-530 WILL TRADE KENWOOD TH-28A w/MIC FOR PART OF PRICE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Nathan Odle <c670064@showme.missouri.edu>
Message-ID: <31A1408D.29F159D0@showme.missouri.edu>
Source record: 200941

I apoligze for making this WTB posting in this newsgroup. I just realized my mistake...won't happen again...

--

-Nathan
c670064@showme.missouri.edu
http://www.missouri.edu/~c670064/

2638. Re: Please send catalog 800 #s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <542.6714T4T2824@nycmetro.com>
Source record: 200942

>If you have a fav ham equip catalog company, pleeze tell me the 800 number.

>Thanks.

It's EASY to get the 800# of any business by simply calling 800-555-1212 and
asking for the # of the company you are looking for.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

2639. Kenwood TS820S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: ej.mars@lagn.com
Message-ID: <39650187@lagn.com>
Source record: 200943

I have a problem transmitting and receiving on frequency while on upper side band. Lower side band is Ok. The IF Shift has to be a couple of notches to the minus side to receive on frequency. Does anyone have any ideas on a fix ????? Please reply

Thanks
KC5EPI

2640. Fix for Alinco DR-590 Heat fault

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: vk2gjt@netwit.net.au
Message-ID: <4npouj$1cg@klf.netconnect.com.au>
Source record: 200944

Hello all,

Some time ago I heard of a problem in Alinco DR-590 transceivers
involving a temperature sensitive squelch. Can anyone give me any
information about a fix to this problem.

Also, is it related to a downgrading in the receiver sensitivity?

Thanks,

Greg Towells

Gregory J. Towells |Cowra:
VK2GJT |Where kangaroos and cars
Cowra, New South Wales, Australia |come together :-))

2641. RCI2950. New modification book

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: ccadic@lenet.fr
Message-ID: <4nqtr3$nto@mordred.cc.jyu.fi>
Source record: 200945

PLease send an empty email to
rci@spiralweb.entrepreneurs.net

You will have as much information as you need on the new modification
book for the RCI 2950 and derived rigs.

2642. new RCI2950 modification book

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: ccadic@lenet.fr
Message-ID: <4nqtrj$nto@mordred.cc.jyu.fi>
Source record: 200946

PLease send an empty email to
rci@spiralweb.entrepreneurs.net

You will have as much information as you need on the new modification
book for the RCI 2950 and derived rigs.

2643. Kenwood 732a seperation kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: amirault@laraby.tiac.net
Message-ID: <amirault.832551604@laraby.tiac.net>
Source record: 201045

I run a Kenwood 732a dual-band mobile.

I've just changed cars. The new car has much less space for radios.
The rig has the ability to seperate the faceplate from the body of the
radio, but (since this is no longer the current production model) I can
not find the seperation cable kit anywhere.

Anyone have one, or can point me in the right direction?

--
Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

2644. Please send catalog 800 #s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: admin@hoptechno.com
Message-ID: <4nof6b$bfl@stratus.skypoint.net>
Source record: 201046

If you have a fav ham equip catalog company, pleeze tell me the 800 number.

Thanks.

2645. Tubes Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DroG38.Iov@news.hawaii.edu>
Source record: 201047
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

Time to retube the Galaxy GT-550. I'd rather give the money to another
ham than to a dealer, so here's the list of what the 550 uses. Looking
for NOS (unused) firebottles only:
6EJ7, 6EW6, 6GK6 (2), 6HG8, 6KE8, 6LB6 (2), 12AT7, 12BA6, 12BZ6, OB2, OC2.
Please let me know your prices.

73 from Hawaii,
Jeff KH2PZ

2646. 6 Meter, Yaesu FT625RD For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: hark@access.mountain.net
Message-ID: <4nomak$gdp@news.mountain.net>
Source record: 201048

6 Meter, Yaesu FT625RD Transceiver,All Transistor,25Watt, All Mode, Built In Power Supply, with
444 Mike, Nice Condition, works fine. Used for VUCC certificate, 6 Meters, #755
$500.

Tom Hark KB8TAG
hark@access.mountain.net
304-925-6651

2647. What's a Panasonic RF-4800 receiver worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: lsabo@ftn.net
Message-ID: <4nomol$d6i@master.ftn.net>
Source record: 201049

I just inherited this receiver; it's in like-new condition and works like a charm. I was wondering what it's worth?

I'm of two minds about selling it. I used to have my amateur radio operator's license about 35 years ago and thought perhaps I'd keep it and play with it for a while, or even get my license reinstated. The wife thinks otherwise. :-(

It covers 530 KHz - 31 MHz AM in 9 bands, and an 88-108 MHz FM band delivers very nice quality (mono) sound through a front pannel 4" speaker. It has a very nice 5-digit LED freq. readout for the SW bands, calibration trimmer, S meter, antenna tuning trimmer, RF gain adjustment, AM/CCW-SSB switch & BFO adjustment, switches for FM AFC, AM wide/narrow bandwidth, AM ANL, and a really smooth (but low mass) two-speed vernier tuning dial. It also has tone controls and jacks for headphones/external speakers, recorder and auxiliary (?). It runs off 110v 60 Hz, 8 enclosed "D" cells, or a 12 volt car battery.

Physically, it's about 7" high x 18" wide x 12" deep in a black metal cabinet with rack-mount-look handles.

Anyway, I would be greatful for any comments on the receiver, as well as fair market value estimates.

Larry

==========
Larry Sabo Phone: (H) (613) 592-8485 (W) 526-3090 Ext.234
Ottawa, Ontario Fax: (H) (613) 592-4658 (W) 526-5248
Canada e-mail: lsabo@ftn.net
==========

2648. Grid indicator of HF Liner Amplifier ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: "jaiyoung,yi" <comtech1@nextel.net>
Message-ID: <31A0CF76.2187@nextel.net>
Source record: 201050

I am using H.F amplifier. What I am worrying about is that I can't understand the indication of grid. When I am using amplifier on 20 meter band into one element quad antenna, the indication of grid is less than 25 amp with 600 watt -output in average. However, I am using it into three element quad antenna on 15 meter band, indication of grid shows me around 50 amp or more,but less than 70.(output is around 600 watt). What I wonder is that I am using same watt but different indication of grid. Is it good or not for me to have high indication of grid ?
Anyone who give information regarding this problem will highly be appreciated.

2649. WTB yaesu ft290r II allmode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: luis velis <n3tuk@idsonline.com>
Message-ID: <4nosvn$jl@news2.cais.com>
Source record: 201051

Hi there
I am looking for a yaesu ft290r II allmode 2 meter transceiver at very
reasonable price...
email me at n3tuk@idsonline.com

Best 73's

2650. WTB yaesu ft290r II allmode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: luis velis <n3tuk@idsonline.com>
Message-ID: <4not1q$jl@news2.cais.com>
Source record: 201052

Hi there
I am looking for a yaesu ft290r II allmode 2 meter transceiver at very
reasonable price...
email me at n3tuk@idsonline.com

Best 73's>
> --
>
> Newsgroup: rec.radio.amateur.equipment
>
> (Earliest articles...)
> (Earlier articles...)
>
> * TM255 Mods - FOURRIER Jean-Yves (3)
> * For Sale Kenwood TS-940s/AT, SP-940, SM-220 - Frank (11)
> o jleining@planet.net (19)
> * FOR SALE Ranger 2950 (100 Watt) - Art S. (16)
> * Cushcraft A4 40M Kit - alt.radio (2)
> * WTB: Service Manual for HP141T 8556A Plug in - Bradley A. Hare
> (13)
> * Icom Z1A 800 MHz mod kills 440 - Jim Fellows (24)
> * Re: RS HTX-202 Low Audio - "Andrew D. Lawlor" (23)
> * Re: MFJ 90xx CW transceivers - opinions? - SARUMAN (43)
> * Re: Neutralizing Finals - Clark Savage Turner (14)
> * Re: Wireless Telephones - Mark Oppenheim (19)
> * Need general coveraged transmit mod for ICOM775-DSP - K.S. (2)
> * Radio electronics magazine ? - GECL (11)
> o Art Gunderson (3)
> * Re: Larsen glass mount antennas - Anthony O. Cardenas ~ WA6IGJ
> (8)
> * Re: Need Code Teaching Software for C-64 - Gary (20)
> * Azden Service: Excellent! - Chris Smith (16)
> * FT-59r or IC-Z1A??? - Vic (4)
> o Vic (8)
> * FS: MOTOROLA Series 90 Base Controller - DAVE M . SCHERTZER
> (24)
> * How to Optimize Quads?
> o Anthony O. Cardenas ~ WA6IGJ (27)
> + moritz@ipers1.e-technik.uni-stuttgart.de (22)
> o moritz@ipers1.e-technik.uni-stuttgart.de (18)
> * SYS SABER III - PajamaA (8)
> * Antenna Installation in Corvette - Alan Cranney (9)
> o R. Dale PIedfort (29)
> o Sean Hall (10)

> o Art Gunderson (14)
> * Re: TenTec 2M->6M Xvrtr? - Ron Giuntini (5)
> * Re: Santec 144up 2 meter HT; What's it worth? - Ron Giuntini
> (5)
> * ft50r mods?? - gary (2)
> * Pocket Morse Code Trainer - Opinions?
> o -- Ray -- (42)
> o flanagan@genie.com (16)
> + KERBUGH (8)
> * Coax Power Ratings - Merv Stump (5)
> o KG0WX (18)
> * Standard on WWW?? - Joe (8)
> o Ray Wilson (16)
> + Joe (18)
> * HTX202 mods anyone? - Maccabeus (14)
> o Teacherjh (26)
> * Re: FT-10R extended receive use - Jay Kolin (11)
> * Knwd R5000 Trouble : PSe Help - John J (9)
> * Repeater Equipment Needed - Rich Fortnum (21)
> * WTB: Repeater Autopatch - Tom Palmieri K2PJ (9)
> * Re: Ameritron 811 Hookup - Sean Hall (5)
> * Re: auto antenna tuner questions for new to hf ham - Sean Hall
> (10)
> * wtb parabolic reflector for microphone - Les Waters (9)
> * IC-775DSP: how do u like it ? - Torsten Leibold (16)
> * FS: KENWOOD HF - Sean Hall (8)
> * ICOM 706....Extend Range!!!!! - Karl Leite (20)
> * Yaesu FT-890/AT for Sale - Kenny K (7)
> * Yaesu FT-890/AT for Sale - Kenny K (7)
> * Re: Help with JRL-2000F Linear - Arden K. Ball (30)
> * Pro-60 RS MODS needed - Blackshadow (9)
> * DJ-G5 Alinco Dual/HT - Blackshadow (10)
> * Re: Pro-60 MODS NEEDED - Bill Crocker (10)
> * Re: Opinions on SSB/CW filters (Drake TR7) - "Tom C. Brown,
> Jr." (20)
> * FT-1000 Expert Needed!! - TDE (4)
> * sale yaesu ft-11r - JASON NORD (8)
> * info wanted on Kenwood TM-621A - Chris Weddle (7)
> * Kenwood SM-220 - COLERK@spotva.potsdam.EDU (4)
> * 901DM Mod - Clifford Wiginton (4)
> * ft50 and ic 7 (fwd) - Joel Lessenberry (45)
> * Re: Ham-Equip Digest V96 #376 - Ka-Nang Yuen (50)
> * Mods for ALINCO DJ-100 ? - Roberto Munoz (EA4ABB (14)
> * Re: Looking for info on numerology - Steve (32)
> * PRO-50 Mod`s - eric_augenstein (7)
> * Re: Info on IC-706 - John Thomas (16)
> * Alinco DR-150 Mods??? - Bob Wilson (7)
> * Re: Info needed on Vibroplex Keyers - Ian Brothwell (10)
> * Help: No Bias; TS-520s - Michael Ramsey (12)
> * WTB: Dentron MLA2500B - N5LBZ (2)

> * Kenwood TS-50S for commer - Randal Olds (23)
> o WB3U (17)
> * PK-232 info needed - Greg Smith (9)
> * Low Power FM Broadcast - Bill Combs (14)
> * WTB: Drake SPR-4 Receiver - K1EL (4)
> * wtb 2m allmode ft290r II - luis velis (7)
> * Re: Icom T22A HT - Ted Fortner (21)
> * RE: AL811 AMPLIFIER - DHickey389 (2)
> * FORSALE: HYGAIN DX-77 ANTENNA - DHickey389 (2)
> * RE: CD-45-II ROTATOR - DHickey389 (2)
> * ACC SHACKMASTER 100 info needed - Steve Foster (8)
> * WTB:TM-702 Knwd Dualband mobile - NewsRadio (18)
> * Re: surplus stores in Boston, Philadelphia???? - Conway Yee
> (27)
> * Need mike pinout for Motorola Maxtrac - Brian David Millan (20)
> * Kenwood 732a seperation kit - Richard Amirault (12)
> * Tubes Needed - Jeffrey Herman (8)
> * Please send catalog 800 #s - pdunn (3)
> * Needed: FT-901 dm Service manual - Jay Blum (4)
> * Rubber Ducky Comparisons?? - Ben Klausner (14)
> * Contr.SONY CRF-V21 via RS-232 - Siegmar Heinkel (10)
> * Sask / Pkt / Internet Ham Radio Swap & Shop May 19 - Bruce
> Donovan (104)
> * 6 Meter, Yaesu FT625RD For Sale - hark@access.mountain.net (9)
> * What's a Panasonic RF-4800 receiver worth? - Larry Sabo (31)
> * Grid indicator of HF Liner Amplifier ???? - "jaiyoung,yi" (10)
> * Ever heard of this? - KG0WX (9)
>
> --
>

2651. WTB yaesu ft290r II allmode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: luis velis <n3tuk@idsonline.com>
Message-ID: <4not25$of@news2.cais.com>
Source record: 201053

Hi there
I am looking for a yaesu ft290r II allmode 2 meter transceiver at very
reasonable price...
email me at n3tuk@idsonline.com

Best 73's>
> --
>
> Newsgroup: rec.radio.amateur.equipment
>
> (Earliest articles...)
> (Earlier articles...)
>
> * TM255 Mods - FOURRIER Jean-Yves (3)
> * For Sale Kenwood TS-940s/AT, SP-940, SM-220 - Frank (11)
> o jleining@planet.net (19)
> * FOR SALE Ranger 2950 (100 Watt) - Art S. (16)
> * Cushcraft A4 40M Kit - alt.radio (2)
> * WTB: Service Manual for HP141T 8556A Plug in - Bradley A. Hare
> (13)
> * Icom Z1A 800 MHz mod kills 440 - Jim Fellows (24)
> * Re: RS HTX-202 Low Audio - "Andrew D. Lawlor" (23)
> * Re: MFJ 90xx CW transceivers - opinions? - SARUMAN (43)
> * Re: Neutralizing Finals - Clark Savage Turner (14)
> * Re: Wireless Telephones - Mark Oppenheim (19)
> * Need general coveraged transmit mod for ICOM775-DSP - K.S. (2)
> * Radio electronics magazine ? - GECL (11)
> o Art Gunderson (3)
> * Re: Larsen glass mount antennas - Anthony O. Cardenas ~ WA6IGJ
> (8)
> * Re: Need Code Teaching Software for C-64 - Gary (20)
> * Azden Service: Excellent! - Chris Smith (16)
> * FT-59r or IC-Z1A??? - Vic (4)
> o Vic (8)
> * FS: MOTOROLA Series 90 Base Controller - DAVE M . SCHERTZER
> (24)
> * How to Optimize Quads?
> o Anthony O. Cardenas ~ WA6IGJ (27)
> + moritz@ipers1.e-technik.uni-stuttgart.de (22)
> o moritz@ipers1.e-technik.uni-stuttgart.de (18)
> * SYS SABER III - PajamaA (8)
> * Antenna Installation in Corvette - Alan Cranney (9)
> o R. Dale PIedfort (29)
> o Sean Hall (10)

> o Art Gunderson (14)
> * Re: TenTec 2M->6M Xvrtr? - Ron Giuntini (5)
> * Re: Santec 144up 2 meter HT; What's it worth? - Ron Giuntini
> (5)
> * ft50r mods?? - gary (2)
> * Pocket Morse Code Trainer - Opinions?
> o -- Ray -- (42)
> o flanagan@genie.com (16)
> + KERBUGH (8)
> * Coax Power Ratings - Merv Stump (5)
> o KG0WX (18)
> * Standard on WWW?? - Joe (8)
> o Ray Wilson (16)
> + Joe (18)
> * HTX202 mods anyone? - Maccabeus (14)
> o Teacherjh (26)
> * Re: FT-10R extended receive use - Jay Kolin (11)
> * Knwd R5000 Trouble : PSe Help - John J (9)
> * Repeater Equipment Needed - Rich Fortnum (21)
> * WTB: Repeater Autopatch - Tom Palmieri K2PJ (9)
> * Re: Ameritron 811 Hookup - Sean Hall (5)
> * Re: auto antenna tuner questions for new to hf ham - Sean Hall
> (10)
> * wtb parabolic reflector for microphone - Les Waters (9)
> * IC-775DSP: how do u like it ? - Torsten Leibold (16)
> * FS: KENWOOD HF - Sean Hall (8)
> * ICOM 706....Extend Range!!!!! - Karl Leite (20)
> * Yaesu FT-890/AT for Sale - Kenny K (7)
> * Yaesu FT-890/AT for Sale - Kenny K (7)
> * Re: Help with JRL-2000F Linear - Arden K. Ball (30)
> * Pro-60 RS MODS needed - Blackshadow (9)
> * DJ-G5 Alinco Dual/HT - Blackshadow (10)
> * Re: Pro-60 MODS NEEDED - Bill Crocker (10)
> * Re: Opinions on SSB/CW filters (Drake TR7) - "Tom C. Brown,
> Jr." (20)
> * FT-1000 Expert Needed!! - TDE (4)
> * sale yaesu ft-11r - JASON NORD (8)
> * info wanted on Kenwood TM-621A - Chris Weddle (7)
> * Kenwood SM-220 - COLERK@spotva.potsdam.EDU (4)
> * 901DM Mod - Clifford Wiginton (4)
> * ft50 and ic 7 (fwd) - Joel Lessenberry (45)
> * Re: Ham-Equip Digest V96 #376 - Ka-Nang Yuen (50)
> * Mods for ALINCO DJ-100 ? - Roberto Munoz (EA4ABB (14)
> * Re: Looking for info on numerology - Steve (32)
> * PRO-50 Mod`s - eric_augenstein (7)
> * Re: Info on IC-706 - John Thomas (16)
> * Alinco DR-150 Mods??? - Bob Wilson (7)
> * Re: Info needed on Vibroplex Keyers - Ian Brothwell (10)
> * Help: No Bias; TS-520s - Michael Ramsey (12)
> * WTB: Dentron MLA2500B - N5LBZ (2)

> * Kenwood TS-50S for commer - Randal Olds (23)
> o WB3U (17)
> * PK-232 info needed - Greg Smith (9)
> * Low Power FM Broadcast - Bill Combs (14)
> * WTB: Drake SPR-4 Receiver - K1EL (4)
> * wtb 2m allmode ft290r II - luis velis (7)
> * Re: Icom T22A HT - Ted Fortner (21)
> * RE: AL811 AMPLIFIER - DHickey389 (2)
> * FORSALE: HYGAIN DX-77 ANTENNA - DHickey389 (2)
> * RE: CD-45-II ROTATOR - DHickey389 (2)
> * ACC SHACKMASTER 100 info needed - Steve Foster (8)
> * WTB:TM-702 Knwd Dualband mobile - NewsRadio (18)
> * Re: surplus stores in Boston, Philadelphia???? - Conway Yee
> (27)
> * Need mike pinout for Motorola Maxtrac - Brian David Millan (20)
> * Kenwood 732a seperation kit - Richard Amirault (12)
> * Tubes Needed - Jeffrey Herman (8)
> * Please send catalog 800 #s - pdunn (3)
> * Needed: FT-901 dm Service manual - Jay Blum (4)
> * Rubber Ducky Comparisons?? - Ben Klausner (14)
> * Contr.SONY CRF-V21 via RS-232 - Siegmar Heinkel (10)
> * Sask / Pkt / Internet Ham Radio Swap & Shop May 19 - Bruce
> Donovan (104)
> * 6 Meter, Yaesu FT625RD For Sale - hark@access.mountain.net (9)
> * What's a Panasonic RF-4800 receiver worth? - Larry Sabo (31)
> * Grid indicator of HF Liner Amplifier ???? - "jaiyoung,yi" (10)
> * Ever heard of this? - KG0WX (9)
>
> --
>

2652. ? firmware for PK232 MBX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: dvoges@mail.global.co.za
Message-ID: <4npfv0$kj@dodo.global.co.za>
Source record: 201054

Can someone tell me what the latest firmware version for the PK232 is,
and where I can get it. ?

Regards
Dave

2653. HELP MANUAL FT-757-GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: Strelcov <igor@krom.pskov.su>
Message-ID: <31a0a579@krom.pskov.su>
Source record: 201055

HELLO ALL HAM
HELP ME MANUAL INSTRACTION YAESY FT-757GX
THANK YOU
UA1WER UA1WDK 73!
igor@krom.pskov.su

2654. Re: Tubes Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Drp54A.4u5@news.hawaii.edu>
Source record: 201056

Okay, I have sinned. I posted a WTB ad for tubes on .equipment and rcvd
the following from Mr. Anonymous. I don't mind getting a scolding and
a copy of the charter, but why fear providing your real name and address?
Your message carries absolutely no weight without a name attached.
Which is a worse violation: My WTB or your anonymous note?

Jeff KH2PZ

From nobody@mockingbird.alias.netSun May 19 22:51:39 1996
Date: Sun, 19 May 1996 18:36:41 -1000
From: Anonymous <nobody@mockingbird.alias.net>
To: jherman@hawaii.edu
Subject: Tubes Needed

The Rec.Radio.Amateur.* newsgroups are not the appropriate place
for posting Wanted or For Sale ads. The following guide to use of
the groups explains this. In the future, please use Rec.Radio.Swap
for this purpose.

The following is from the charter of the Rec.Radio groups:

"The swap group is rec.radio.swap. ... If you have radio
equipment, or test gear, or computer stuff that hams would be
interested in, here's the place. Equipment wanted postings belong
here too. Discussions about the equipment generally don't; ...

.. The .equipment group is not the place for buying or selling
equipment; that's what rec.radio.swap is for."

Following is the full charter:

Summary: This article provides an overview of the newsgroups
devoted to the personal radio services (amateur and CB), describes
each newsgroup and its charter, and gives a brief tutorial on
netiquette.

--

2655. Re: FT-1000 Expert Needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: ed@aloha.net
Message-ID: <31a019e7.32547450@nuhou.aloha.net>
Source record: 201057

TDE <tde@snet.net> wrote:

>My piece of !$#@ FT-1000 is off frequency about 50 cycles or so. Drives
>me nuts, love to be exact. Looking for any info on tweaking it back
>into place. Can this be done easily enough, or is it stricltly a
>factory job? Thanks very much!!! - Rick, N1SQJ

There's a trimmer in the hole on the TXCO, if you have that option, or
probably in the master oscillator circuit, if you don't. You can
zero-beat on WWV if you turn the IF shift all the way to the bassy
side with an SSB mode selected (use headphones to hear the zero beat
clearly). Make sure the set's fully warmed up before adjusting.
Ed- AH6MI

2656. Re: IC-775DSP: how do u like it ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: bduxbury@zetnet.co.uk
Message-ID: <4npkjs$aqg@roch.zetnet.co.uk>
Source record: 201058

In message <DrJuu0.Inu@dl1fy.rhein-neckar.de>
torsten@dl1fy.rhein-neckar.de (Torsten Leibold) writes:

> I'm currently considering to buy this rig but as I have, by now, not
> seen any reports from the practical point of view, I'm holding back.

Tom
I tried the 775DSP for about 10 days last December and found it
very good indeed on cw.The RSGB code examiner who is an expert CW
operator has one and thinks it is gret. The Audio Pass Filter APF is
very good for CW.

I ended up buying he FT1000MP which is superb for my needs.

One word of caution....The early models of the 775 were troubled by
minor problems. Mainly connectors I believe, so you should check to
make sure that this has been sorted out.

Hope this is of some use....73

--
Barry Duxbury
bduxbury@zetnet.co.uk
100031.2223@compuserve
G4GAH Oxford UK

2657. Any recomendations for TS-930 repair shop?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: rmozer@puma.cyberport.com
Message-ID: <4noorp$2ua@macaw.cyberport.com>
Source record: 201059

I have a TS-930 that exibits an intermitting receive problem. The receiver goes deaf to all but the strongest of signals but comes back to life (sometimes) when you change bands or turn the radio off and back on. Does anybody have any recomendations for a service shop that might be able to fix it?

Thanks, 73 de Ron / ki5oh
ron@epfsc.com
ki5oh@fmngw.ki5oh.ampr.org
http://www.cyberport.com/~ki5oh

2658. Re: Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: jpss@ais.net
Message-ID: <jpss-2005960742300001@ts01-26.dialup.ais.net>
Source record: 201060

In article <4noghp$oev@crl14.crl.com>, klausner@crl.com (Ben Klausner) wrote:

> Has anyone ever done any impartial performance comparisons on various
> rubber ducky antennas? Specifically for 2M and 70CM.
>
> I look at things like the "Miracle Baby", and have to agree with the guy at
> the Ham Store that "Baby, it would be a miracle if it worked." At least
> that's the intuitive response looking at it.
\

It is a expensive DUMMY LOAD for your HT. Its great to use if your want
to really cripple the TX of your HT. Do NOT waste your money.

2659. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-20 00:00:00 UTC
From: digna@iti2.net
Message-ID: <5147cc$91a20.266@royal.lanyap.com>
Source record: 201061

Jerry Hogsett <jerry@hogsett.com> wrote:

>I just spoke to a technician at Yaesu about the crappy audio in Wide FM
>mode on the FT-50R. She said that due to the size of the radio, they
>were only able to fit a 30-35KHz filter, instead of a 75KHz filter, for
>Wide FM mode. When I mentioned that this made the extended bands
>useless, she said that people in Japan are able to use it (I doubt
>that). She offered to fax me a list of FM frequencies I can listen to
>in Wide FM mode.

>She said they were going to "fix it" in the manual and advertisements.
>She said there's not going to be a fix offered for the radio. When I
>said I wanted my money back, she called my bluff and asked me where I
>bought the radio.

>I'll keep it, but I wish it worked as advertised.

>--
>+--
>| Jerry Hogsett (home) jerry@hogsett.com |
>| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
>| (500)-G-HOGSETT http://www.hogsett.com |
>--+
I thought that you people bought the FT-50R for communications, not to
listen to stereo music. I bought mine for communications and it works
very well for that purpose, better than most. If I want to listen to
FM stereo, I have an AM/FM radio that I use for that. Returning the
unit because the "Wide band filter" is too narrow is NOT an acceptable
excuse for returning a superior unit to the dealer. I'm sorry, but
that's the way I feel. I use an FT-50R, FT10 and Icom IC-2350 for
A.R.E.S./R.A.C.E.S AND THEY WORK VERY, VERY WELL in this part of
Colorado as communications can be very poor in some areas. We don't
have repeaters on every hilltop or tall building in this area. I wish
that you would re-consider your decission about the FT-50R.
73
Bill de N0EVG

2660. Re: FT-1000 Expert Needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4nsjv6$66v@news.syspac.com>
Source record: 200812

ed@aloha.net (ed) wrote:

>TDE <tde@snet.net> wrote:

>>My piece of !$#@ FT-1000 is off frequency about 50 cycles or so. Drives
>>me nuts, love to be exact. Looking for any info on tweaking it back
>>into place. Can this be done easily enough, or is it stricltly a
>>factory job? Thanks very much!!! - Rick, N1SQJ

>There's a trimmer in the hole on the TXCO, if you have that option, or
>probably in the master oscillator circuit, if you don't. You can
>zero-beat on WWV if you turn the IF shift all the way to the bassy
>side with an SSB mode selected (use headphones to hear the zero beat
>clearly). Make sure the set's fully warmed up before adjusting.
>Ed- AH6MI

You don't have to listen to zero beat. It is easier and more accurate
to switch alternatively between USB and LSB and adjust the trimmer
until both sidebands exhibit the same tone.

cdn

C. Dean Norris
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com
http://www.syspac.com/~dnorris/

2661. Parts for Heathkit SB1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Russ <russcwv@cyberhighway.net>
Message-ID: <31A1D4B1.60A4@cyberhighway.net>
Source record: 200813

Anyone know where I could get bandswitch parts for the Heathkit SB1000 Amp. I burned the 80 and 160 contacts off the rear deck of the bandswitch! Of course this happened after Heathkit went out of business!! Ameritron made this Amp for Heathkit but they only stock parts for their own products...at least this has been my experience.

Thanks
Russ Ellsworth WA6CWV, Boise Idaho

2662. FS Standard C-108A HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: amico@abest.com
Message-ID: <4nsl9b$6rr@news.abest.com>
Source record: 200814

I have a NEW C-108A HT for sale, $185.00 email if interested.

Alex

2663. Re: Need mike pinout for Motorola Maxtrac

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: WD8DZB
Message-ID: <31a1e2f3.17495809@news.primenet.com>
Source record: 200815

ernurse@ix.netcom.com(Brian David Millan) wrote:

>Anybody have the pinout for a motorola maxtrac 300 with the 8 pin
>telephone-jack style modular connector? If so, I'd be eternally
>grateful if you'd send it to me! Thanks.
>--
>
>73 de Brian
>
> |---|
> | Internet: n2ofm@ampr-gw.essradio.com |
> | (no large files or commercial traffic) |
> | |
> | Internet: ernurse@ix.netcom.com |
> | |
> | AX25 Packet: N2OFM @ N2IMC.NJ.USA.NA |
> | |
> | Amprnet: n2ofm@n2ofm.ampr.org [44.68.48.112] |
> | |
> | Amprnet: n2ofm@gw.k2mf.ampr.org [44.64.20.2] |
> |---|
>
Brian,

1. (blu) PB1----> n/c
2. (brn) PB2----> n/c
3. (blk/red) Hook ----> on/off hook indicate (for pl/monitor
function)
4. (yel) gnd ----> Chassis Ground
5. (org) Mic Audio----> Tx Audio
6. (gry) PTT----> Push To Talk
7. (grn) SCI+ ----> Programming Data in/out
8. (wht/org) Handset Audio ----> Rx Audio Out (low level)

73 de Z, WD8DZB

2664. Re: Kenwood TS820S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Keith Hester <ks9c@itis.com>
Message-ID: <31A1F642.4809@itis.com>
Source record: 200816

Ej Mars wrote:
>
> I have a problem transmitting and receiving on frequency while on upper
> side band. Lower side band is Ok. The IF Shift has to be a couple of
> notches to the minus side to receive on frequency. Does anyone have any
> ideas on a fix ????? Please reply
>
> Thanks
> KC5EPI
> -----
I have no personal familiarity with the TS-820S, but this sounds like a classic case of an off-frequency carrier. It is very likely that realignment of the carrier oscillators (particularly any carrier that affects the positioning of the USB signal with respect to the filters) should correct the problem.

Regards,
Keith (KS9C)

2665. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31A1B428.708@hogsett.com>
Source record: 200817

Digna E. Eads wrote:
>
> Jerry Hogsett <jerry@hogsett.com> wrote:
>
>
> >I'll keep it, but I wish it worked as advertised.
>
> >--
> >+---
> >| Jerry Hogsett (home) jerry@hogsett.com |
> >| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
> >| (500)-G-HOGSETT http://www.hogsett.com |
> >+---+
> I thought that you people bought the FT-50R for communications, not to
> listen to stereo music. I bought mine for communications and it works
> very well for that purpose, better than most. If I want to listen to
> FM stereo, I have an AM/FM radio that I use for that. Returning the
> unit because the "Wide band filter" is too narrow is NOT an acceptable
> excuse for returning a superior unit to the dealer. I'm sorry, but
> that's the way I feel. I use an FT-50R, FT10 and Icom IC-2350 for
> A.R.E.S./R.A.C.E.S AND THEY WORK VERY, VERY WELL in this part of
> Colorado as communications can be very poor in some areas. We don't
> have repeaters on every hilltop or tall building in this area. I wish
> that you would re-consider your decission about the FT-50R.
> 73
> Bill de N0EVG

I *said* I would keep it. In a marketplace with several mostly
equal radios, it's extra features which make or break a sale for
me. I'm also an avid scanner listener, including Wide FM freqs.
To me, it's icing on the cake to be able to listen to TV and
FM audio radio than carry two, or three, radios with me.

BTW Yaesu certainly considered this reason "acceptable".
--
+---
| Jerry Hogsett (home) jerry@hogsett.com |
| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
| (500)-G-HOGSETT http://www.hogsett.com |
+---+

2666. Re: Motorola Max Trac 800 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: zawodny@primenet.com
Message-ID: <31a1fc5f.1603755@news.primenet.com>
Source record: 200818

>Ken Cochrane (kdisk@hooked.net) wrote:
>: Hi, I was given several Motorola Commercial radios with the modle # Max Trac
>: 800. What frequencys do these radios cover? Can they be programmed to
>: operate on the Ham bands (2m or 70cm) and lastly, what are they worth,
>: assuming they work. They appear to need programing to work> Thanks and 73.
>: KD6ISK
>800 MHz, conventional and Type I trunking, maybe type II if the right
>firmware is installed. So, no to ham VHF and UHF work, it may be able to
>do some 900 MHz, but I think it is outside of the specifications. You may
>be able to get $100 for them, if someone needs the unit...
>
>Have fun!
>
>--
>*-*-*-*-*-*-*-*-*-*-*-*-*-*-
>John Chapman WB8INY
>Ohio Section ARES, District Emergency Coordinator, District 7
>http://ourworld.compuserve.com/homepages/wb8iny (try it, you'll like it)

John,

If you would give me some more detailed information, I would be
happy to let you know exactly what you've got.

The Full Model #, the three letters in the serial number (tells when
born, what generation of board/firmware radio has "somewhat").

>>>>> or <<<<<

The numbers off of the top and bottom board, and the number off of
the ROM chip.

Examples are:

Controller Board: HLN5173B, HLN9313A, (have the ROM)
HLN9123A (this one does not have the ROM)

RF Board: HLF4095B or HLF9122A

P.A. Chassis: Look at the back for the presenceor absence of a

10-32 stud/nut in the heatsink area (the board
number is "buried").

73 de WD8DZB , Dave (a.k.a. "Z")

P.S> I posted to the NG because I had trouble with your mail
bouncing back :-/

Z

2667. Re: ACC SHACKMASTER 100 info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4nsvae$5om@peru.it.earthlink.net>
Source record: 200819

shfoster@ix.netcom.com(Steve Foster) wrote:
>Hi , I just came across an ac100 with 1.6 software. I need some help in
>hooking it up.
>1 What hf rigs does it support,How are they connected ?
>2 Can I use a dualband radio instead of 2 seperate rigs to controll
>it?
>3 Any suggestions/suggestions from users.
>
>Thanks in advance . Steve WB5OMP shfoster@ix.netcom.com

Steve,

the SM100 supports ICOM, Yaesu and Kenwood HF rigs...the ICOM and Yaesu
must match whats in the book (did you get the manual?) to be compatible.

Almost ANY Kenwood HF rig will work that has computer control.....
The rigs must have a serial port for the SM100 to control them.

Yes, you can use a dual band radio and set the SM100 in FULL Duplex
operation....YET, legally, you must use a 220/440 dual band as the
downlink from SHackmaster HF to you is also Auxillary operation and
therefore must be above 222.15 Mhz to be legal....

A full duplex UHF rig is also workable or two UHF rigs on 5 Mhz offsets
with one hooked to Pri as RX only and the other hooked to Sec as TX only
and Shackmaster in full duplex mode.

73
Chris
WB5ITT
(2 SM100s both with V1.7 software)

2668. Ft50 and ic 7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: joel@tech.mis.cfc.COM
Message-ID: <199605211842.OAA09109@serve.tech.mis.cfc.com>
Source record: 200820

A week or so ago I posted an article about the ft50r and the
icom ic 7. So far I have had glorious reports on the ft50,
but know one with an ic 7 answered...

Anyone care to defend their rig?

joel

2669. "HAM BURGER" READ THIS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Nathan Odle <c670064@showme.missouri.edu>
Message-ID: <31A211E6.4AA66058@showme.missouri.edu>
Source record: 200821

To "HAM BURGER" (Sheesh...what a STUPID name):

Did you miss the apology I put out right after I noticed I had posted a FS: ad to the wrong group? I admit, I made a mistake, but I corrected it AND APOLOGIZED not 5 minutes after I made the post. I don't understand it; you afraid of me or something? Why don't you come out from behind that IDIOTIC alias of yours and try to show me what's up? The only people I thought used remailers are those sicko, perverted kiddie-porn guys you see on the news...you're probably a CB'er or something and don't want us to know you can't even get a callsign...just HOW is that 11M rig with the 1/4 wave whip doin' for ya' good buddy?

To everyone else: (Actually, "HAM BURGER", you'd better read this too.)

Excuse the temper there, but I just get a little upset when people have to try and be sneaky about things. Like I said, I made a mistake, and corrected it. In fact, I APOLOGIZE AGAIN for anyone that missed the first apology. I probably wouldn't have even gotten upset if whoever sent the charter to me (and everyone else) wouldn't try to hide behind some alias...besides, isn't that kind of warning best left to the moderator? If you have a problem, send HIM some email. I don't need somebody like "Ham Burger" ruining the notion that hams are some of the most helpful, nice people around, over something SO PETTY... rec.radio.amateur.equipment is one of the best resources we have. The only thing I can say for you, "Ham Burger", is that at least you were nice about it, even if you are a wimp...sorry to everyone that I had to waste bandwidth with this, but "Ham Burger" needed to have some things explained to him.

P.S. "STEVE PLAZER" (don't know if that's his real name or not) sent me a flame on this as well...well, the same goes for you, STEVE. Except you said a lot worse...why don't you come out from behind your remailer as well? By the way, the name isn't in the callsign directory, so I assume it's fake, or you're without license...in which case I respect you even less...

--

-Nathan
c670064@showme.missouri.edu
http://www.missouri.edu/~c670064/

2670. Req. for Mods: Alinco DJ-G5T, Kenwood TM-742

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: kendall@vt.edu
Message-ID: <kendall-2105961528580001@kendall.enable-sgctr.vt.edu>
Source record: 200822

Is anyone aware of any other mods for the DJ-G5T besides the "cut the blue wire" for extended TX? I recently learned that the European version can be modified for 800 MHz RX but it supposedly has a different chip set in it. I've scrounged cyber-space without much luck.

Also, a friend of mine just bought a TM-742 at Dayton; he is trying to modify the 6m section for TX down to 45 MHz. He's been able to tune it down to 46, which is close, but not close enough... Has anyone succeeded with a similar mod?

Any info would be appreciated. Thanks much!

-- Gary KB4GCF

--
Gary F. Kendall, Programmer/Analyst kendall@vt.edu
Project ENABLE -- the Administrative Systems Initiative
Virginia Tech

2671. Code Quick CW Tapes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <4nt4lo$g3l@nadine.teleport.com>
Source record: 200823

Has anyone used these tapes and were you sucessful? I'm looking for
recomendations on Code tapes for my General upgrade. E-mail please
Thanks in advance.
KB7NAM

2672. Re: APOLOGY -- Sorry for posting a FS ad here...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4nsjnf$ddb@itnews.sc.intel.com>
Source record: 200824

d-hemphill@ti.com (D.W.Hemphill KC5NG) wrote:
>Last week, I posted a piece of gear for sale on another newsgroup,
>and cross-posted it here also. I didn't realize that FS ads were
>not allowed here. So... please accept my apologies, and be sure I
>won't do it again (I got SEVERELY flamed by EIGHT PEOPLE).

Some people post here because their netnews feeder system does not
carry rec.radio.swap not knowing that their feeder system refuses
to carry *any* group with for sale listings including this one if
they keep it up.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

2673. NEED: Schematic for Heath Seneca

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Spencer Petri <spetri@e-tex.com>
Message-ID: <4nt76q$opl@e-tex.com>
Source record: 200825

Anyone who has one and willing to make copy?

73 de Pete WA5JCI

2674. Pork Butt Filter needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: jimo@vt.edu
Message-ID: <4nt877$8fg@solaris.cc.vt.edu>
Source record: 200826

I need a filter to filter out WB2OTK Rich Whiten, the infamous Pork Butt.

This low life scum bag has been giving Amateur Radio here in the US
a black eye.

Any suggestion on how to get him off the air will be appreciated.

2675. 2m/440 mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: greenberg@courier8.aero.org
Message-ID: <greenberg-210596134118@greenberg-t.aero.org>
Source record: 200827

Hi

I am interested in any operator's comments on the following 2m/440 mhz
mobile radios:

Icom 2700 and 2350 series
Alinco DR-610
Yaesu 5100 and 5200
Kenwood TM-733A

Both good and bad comments would be appreciated.

You can email them or post them here. Thanks for the info and 73s

Steve, WA6TAF
email: greenberg@courier8.aero.org

2676. Re: TS 930 repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: cbuttsch@slonet.ORG
Message-ID: <Pine.SOL.3.93.960521145643.21502I-100000@spork.callamer.com>
Source record: 200828

You seem to have a classic case of a bad changeover relay. This is really
not hard to repair as it is contained in the area just behind the coax
connector on the back panel of the TS 930. The relay is a small OMRON
unit easily avialable from Kenwood parts (order number is 1414-05).
Just remove the bottom cover and look before you go sending the unit
off. With a good antenna connected, simply tap the relay and if the
received signal comes back, you know that is the problem!
Cliff Buttschardt W6HDO

2677. Re: Ever heard of this?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Jacques Patry <jacques@ultranet.com>
Message-ID: <31A2468E.4D06@ultranet.com>
Source record: 200829

Ken Bessler (KG0WX) wrote:
>
> I picked up a mag mount antenna the other day. It is made by Motorola
> and called "Mocat". The antenna resonates on 10m and works quite well.
> Has anyone ever heard of this antenna? What band was it designed for?
> --
>
> Ken Bessler KG0WX
> Design Services Company
> http://www2.southwind.net/~kg0wx
> Model railroad designingThe Motorola MOCAT was a CB radio. Gee wonder why it works on 10meters.
That was a good find. 73! jacques

2678. Dayton Hamvention

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: kenny@erinet.com
Message-ID: <31a247e5.35972246@news.erinet.com>
Source record: 200830

Let's congratulate the Hamvention organizers for moving the date to three weeks later! The weather was near perfect! Attendance seemed to be good, and there were DEALS TO BE HAD! I bought two 6146's for my SB-102 (first time I've replaced the tubes since I built the xcvr in 1969!) for $10.00 each and they work fine.

A new, higher output battery pack for my Kenwood TR-2500, and new Nicads for my Drake TR-22 rounded out my needed items.

Wanted goodies included a new SW rcvr for my ham-to-be son, and an HF vertical antenna and a length of RG59, then on to the computer stuff. 16 Meg 60ns w/parity for $169 was good, so I got two. That was all the money I had for the day, so I looked for microwave goodies. There were more microwave components at this show than at any other. Where else could you find Narda directional couplers for $25.00 (brand new condition, recent pulls from new equipment), or RLC SP6T switches for $75.00.

All in all, a very successful show, and the weather really helped.

See you all next year.

Regards,

Ken Gunton WB6QWF TL Distributing - Microwave and RF Components
CAGE Code 01DH7 http://www.erinet.com/kenny/microwave.html

2679. Re: Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: amirault@laraby.tiac.net
Message-ID: <amirault.832719100@laraby.tiac.net>
Source record: 200831

klausner@crl.com (Ben Klausner) writes:

> I look at things like the "Miracle Baby", and have to agree with the guy at
> the Ham Store that "Baby, it would be a miracle if it worked." At least
> that's the intuitive response looking at it.

I have one (somewhere, I lost it around the house someplace), but it all depends *what* you want to do with your antenna!

There is no ONE "best" antenna, because the "best" antenna is the antenna that does the job *you* need it to do better than any other antenna.

I can certainly imagine an instance where the Comet Miracle Baby would be the *best* antenna to use. Where you have a short range (or somewhat longer 'line-of-sight' range) and don't want the extended 'stick' of a rubber duckie getting caught on anything (ie. tower climing, hang-gliding to name 2 off hand)

And then, later on that same day another antenna (like the fine Diamond RH-77) could also be the "best" antenna for a different set of circumstances.

The antenna with the most gain does NOT automatically make it the "best" antenna, unless *thats* what you want from an antenna but remember if you get X dB gain from and antenna thats (say) 6" long, you might get 2xX dB gain from a 12" long antenna, and even more from a 24" antenna or a 48" antenna, and so on

Even the most die hard gain fan will draw the line somewhere. (hey, it's too long!)

Off my soap box now...73
--
Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

2680. IC-U16

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Clint.Bradford@bbs.woodybbs.com
Message-ID: <758_9605211121@woodybbs.com>
Source record: 200832

>> Need manual for IC-U16

Here's how to program the ICOM-U16 - if the U16 has been made
programmable by moving a jumper:

Try holding FUNCT down and entering 159357.
It's now in prog mode. Exit with FUNCT-CLR.
Function + 159357 (Enter program mode)

Function + 1 Encoder tones (1-37) 1=67.0,2=71.9,3=74.4,4=77.0,5=79.7,
6=82.5,7=85.4,8=88.5,9=91.5,10=94.8,
11=100.0,12=103.5,13=107.2,14=110.9,
15=114.8,16=118.8,17=123.0,18=127.3,
19=131.6,20=136.5,21=141.3,22=146.2,
23=151.4,24=156.7,25=162.2,26=167.9,
27=173.8,28=179.9,29=186.2,30=192.8?,
31=203.5,32=210.7,33=218.1,34=225.7,
35=233.6,36=241.8,37=250.3

+ 2 Decoder tones (1-37)

+ 3 ?

+ 4 Delta + / Delta - offset, 5 digits

+ 5 Frequency, 5 digits (400MHz +)

+ 6 ?

+ 7 Sch. Ch. numbers. Allows alias ch numbers.

+ 8 Transmit timeout enable.

+ 9 TI, Transmit Inhibit

+ SCAN Priority Scan/Ch Scan

+ S.CH Channel Masking

+ CLEAR End progamming mode

Channel select: Standard method (up/down arrows or CH# + [ENTER])
Frequency: Hold [FUNC], Press [5], enter 6 dig freq, [ENTER], release
[FUNC]
Rx CTCSS: Hold [FUNC], Press [2], enter 2 dig code, [ENTER], release
[FUNC]
Tx CTCSS: Hold [FUNC], Press [1], enter 2 dig code, [ENTER], release
[FUNC]

Offset Freq: Hold [FUNC], Press [4], use [#] for up offset, [*] for
down offset, then enter freq to offset by (ie: [#] [0] [0]
[0] [0] [0] for no offset, [#] [0] [5] [0] [0] [0] for the
standard +5MHz UHF offset), [ENTER]
Timeout Timer: Hold [FUNC], [8], Release [FUNC]
Tx Inhibit: Hold [FUNC], [9], Release [FUNC]
Special Channel Number: Hold [FUNC], Press [7], enter the special
channel number (17-99), [ENTER], Release [FUNC]l
Data Transfer MASTER: Hold [FUNC], [BEEP], Release [FUNC]
Data Transfer SLAVE: Hold [FUNC] with power off, turn on, release
[FUNC]

--
clint.bradford@atdbbs.com
---
* TLX v4.00 * The worst thing about censorship is ########
* wcECHO 4.1 ~ AR-Net: ATTENTION to Details * Mira Loma, CA * 909-681-6221
--
|Fidonet: Clint Bradford 1:2619/228
|Internet: Clint.Bradford@bbs.woodybbs.com
|
| Standard disclaimer: The views of this user are strictly his own.

2681. President HR2510 Chipswitch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Vincent Lalanne <vincent.lalanne@univ-pau.fr>
Message-ID: <31A25BD2.243@univ-pau.fr>
Source record: 200833

Hello,

I ve a President LINCOLN (french name for HR2510) and i am very
interrested by
a chipswitch which is impossible to find in FRANCE.
Q :
What is a chipswith exactly ?
What are its possibilities(memories, shift tx/rx ...) ?
And about price and address to buy it ?

Many thank
73 & 51
Vincent
--
mailto:Vincent.Lalanne@univ-pau.fr http://adour.univ-pau.fr
____
IUT GTR BP 201 Rue du ruisseau 40004 Mont de Marsan Cedex France
tel: +33 58 05 76 02 fax: +33 58 06 83 70

2682. Re: Problem with TS-520S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31A2638D.40C9@magic.itg.ti.com>
Source record: 200834

Joe Fitter BV/N0IAT wrote:
>
> I bought a TS-520S via the internet a few weeks ago. The
> rig is in fair shape cosmetically (which the buyer pointed out)
> but, the buyer did not warn me that the rig has a problem electrically.
> Here's the problem:

Uhhh....I think I meant the SELLER didnt point out..blah blah blah...

sorry, Joe

2683. DTI Mod Kit ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: steve.lee@nashville.com
Message-ID: <00000598000045C2@nashville.com>
Source record: 200835

"Opens up the full potential of the MB8719 PLL chip with 128
consecutive frequencies with "radio" type graphic display for
Windows or Dos. Gives Seek, Scan, Presets, Frequency display
and more! Installs in minutes!

I saw this posted somewhere earlier. Does anyone know about
this "Kit"?

Thanks,
Steve

2684. ICOM 27H owners manual NEEDED!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31A25E40.7C26@magic.itg.ti.com>
Source record: 200836

Hi,

I sold my Icom 27H 2 meter transceiver at Dayton. I forgot the owners
manual (bringing a manual for the TM-201B instead) and promised the buyer
that I'd send a manual once I found it.

I have searched and can not locate the 27H manual! I'd like to
send a manual to the buyer -- so does anyone have an extra manual or
copy thereof? I'll pay photo-copy costs and postage.

Thanks, Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

2685. Problem with TS-520S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31A260BD.16D7@magic.itg.ti.com>
Source record: 200837

I bought a TS-520S via the internet a few weeks ago. The
rig is in fair shape cosmetically (which the buyer pointed out)
but, the buyer did not warn me that the rig has a problem electrically.
Here's the problem:

In CW mode (and TUNE MODE) the CW crystal does not work. It seems
on CW the rig is entirely dead -- no RX audio, no TX, no sidetone.
There is no CW FILTER installed, and the brown jumper is wired
properly to the SSB jumper post near the SSB filter. Normally, one
would turn on the HV, mode setting to TUNE, meter to ALC and then
hunt for a meter peak while rotating the DRIVE control. I get zero
drive on the TUNE setting, same goes for the CW setting. Zip...no TX,
no RX.

On SSB (usb and lsb) the rig is fine. Using audio input, I can
tune the rig to the stated 100W pep output, getting proper drive, and
dipping the plate and peaking the grid via the load controls. It also
receives normally.

Problem: I only use CW! So, I have a worthless rig at this
point. I have little access to parts/tools, but some advice
on where to start would be helpful. I DO have a service
manual but it doesn to go into any depth on this. Can anyone
send me email and we can try to troubleshoot this together?

I have some ideas -- perhaps the 3.395 crystal is bad. I tried
tweaking the small cap near the 3.395 crystal, but no luck getting
things to work. Anyone experience this with a 520S before?

Thanks! Joe

--

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

2686. Re: ft50r mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: tom.howley@moa.net
Message-ID: <4ntj8n$gjg@mordred.cc.jyu.fi>
Source record: 200838

Here is the extended TX mod that was on the internet. Please proceed at your own risk!!! This mod opens up TX in VHF 140-174 MHz and UHF 420-469 MHz

1. Take the battery off.
2. Peel the NiCd warning sticker off of the radio.
3. Remove the two screws that were under the sticker.
4. Gently pry off the keypad paying attention to the gasket.
5. You will be looking at 3 jumper pads.
6. The 1st pad on left above the number 1 will have a blob of solder on it.
7. Carefully remove the solder blob.
8. Reassemble the radio paying close attention to the gasket insertion.
9. Hit the reset keys as mentioned in the manual.
10. Extended TX mod is complete.

Original posting was by Chuck (KA6WDM) cbragg@pacificnet.net

Tom

In article <319DB3AD.4AAA@pcnet.com>, garym@pcnet.com says...
>
>looking for ft50r mods.specifically opening up transmit in the 450 and >462Mhz realm.

2687. ft50 / ic7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: joel@cfc.com
Message-ID: <4nt7i5$b2m@serve.tech.mis.cfc.com>
Source record: 200839
Cross-posted to: sci.electronics.misc,rec.radio.amateur.equipment

A week or so ago I posted an article about the ft50r and the
icom ic 7. So far I have had glorious reports on the ft50,

But know one with an ic 7 answered...

Anyone care to defend their rig?

joel

2688. FT900 reliable?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DrrCqr.61E@netcom.com>
Source record: 200840

I've been pondering what HF moobile to purchase. The Yeasu FT900 looks best, but two hams in my area have had to send their FT900 in for repair multiple times.

Are FT900's reliable?

2689. IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: sven@worldaccess.nl
Message-ID: <4nq3tt$a7n@easy1.worldaccess.nl>
Source record: 200947

Does Anyone Know if it is possible to switch of de transmitter for hf bands only.

In the Netherland a C licend HAM (al above 30 Mhz) is not allowed to have a rig that can transmit on those bands.

73 Sven PE1RHS

2690. WTB: Two Yaesu FT-23R's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: rockdog@indra.com
Message-ID: <DrqJrK.65t.0.server@indra.com>
Source record: 200948
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I need 2 FT-23R's with the FNB-12 battery pack. If you have one to sell,
send email to rockdog@indra.com.

2691. Mods for Alinco DJ-582T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: russ@delnet.ige.com
Message-ID: <31a149be.430452428@pubxfer.news.psi.net>
Source record: 200949

I am looking for mods for the Alinco DJ-582T HT. Any assistance would be greatly appreciated as it appears they are different than the 580.

Please email to russ@delnet.ige.com

2692. In search of Kenwood 7625,TR9130,TR9000 or Santec LS202A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: jbnjb@cris.com
Message-ID: <4nrhh1$9m4@tribune.concentric.net>
Source record: 200950

IN help in finding these radios and possibly purchasing them would be
of great help. Thank You in advance for any assitance.
Again the radios were
Kenwood 7625
Kenwood TR9130
Kenwood TR9000
Santec LS202A

73
N3TVN

2693. Re: Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <4nrr1g$mu4@bigboote.WPI.EDU>
Source record: 200951

In article <4noghp$oev@crl14.crl.com>, Ben Klausner <klausner@crl.com> wrote:
> Has anyone ever done any impartial performance comparisons on various
> rubber ducky antennas? Specifically for 2M and 70CM.

I did some pretty extensive comparisons of rubber duckies for both ham HTs and handheld scanners a number of years ago. I don't have the detailed findings with me, but I'll summarize from memory. I looked at monoband as well as dual band duckies for 2 meters and 440. I used the 2 meter rubber ducky my ICOM IC-2AT as a reference standard, since it was a basic, popular, garden variety ~6" helical antenna. On 440 MHz, I used the 6" ducky from my ICOM IC-4AT as a reference standard. This antenna is simply a non-helical, straight 1/4 wave whip.

Findings:

- The best rubber duckies were those elongated 15" - 18" models. The improvement was most apparent on 2 meters, where they performed about as well as a full 1/4 wave whip (which they virtually are). On 440, a standard 6" 1/4 wave seemed to work about as well in "real life" conditions where you're walking around holding the radio at various odd angles. The elongated antenna only seemed to improve things on 440 when the antenna was held vertical and kept free of obstructions. These antennas tend to be inconvenient. If you need maximum range on 2 meters, I'd rather go with a collapsible 1/2 wave whip which is easier to tuck away when not in use.

- The standard 6-7" 2-meter ducky seems to offer reasonable performance in a fairly convenient size. These were popular with older HTs, but the trend these days has been toward smaller antennas which generally do not perform as well. The size degradation was not noticed to any significant extent on 440, where the smaller ducks seemed to be on par with the the full 1/4 wave models. In fact, my Larsen 440 MHz 2" stubby duck seemed to edge out the 6" 1/4 wave in some tests by a db or so. Don't attempt this this trick on 2 meters though.

- Don't judge a duck solely on appearance, as there can be considerable performance differences between models of the same physical size (and in a couple of cases, between different samples of the same model). These differences are more apparent on 2 meters than on 440, and tend to be most pronounced among the shorter antennas. To get an idea of how well your duck is working, compare it with a 1/4 wave whip. I've found reception with a good standard size 2 meter duck to be within about 1 s-unit of a full 1/4 wave. With the worst ducks, signals that are virtually noise-free on the 1/4 wave completely disappear with the duck. (When making these comparisons, use several signal sources and be sure to move the radio around the room to compare aggregate

levels, rather than levels with the radio sitting in any one spot.)

- 2 meter ducks vary greatly in bandwidth; which is a significant consideration if you use the HT's extended receive capability. As a rule of thumb, longer ducks have better bandwidth. Standard size dual band ducks usually have much narrower VHF bandwidth than 2m monoband ducks, but there's also a lot of variation between dual band models. (Note that the in-band performance of dual band ducks generally seemed to match that of similar sized monoband ducks for their respective bands.)

To illustrate the bandwidth variation, I performed a receive test using the following antennas:

- 2 meter 1/4 wave whip
- ICOM IC-2AT 2 meter duck
- ICOM FA1443B dual band duck (7")
- Larsen 7" dual band duck
- Yaesu dual band duck from FT-470 (~7")

Within the 2 meter band, performance differences among the antennas were virtually nil (except for the 1/4 wave whip, which was a bit ahead of the pack). When the tests were repeated at 130 and 160 MHz, there were very striking differences between all of the antennas (except for a near tie between the Larsen and Yaesu). They are listed above in order of decreasing bandwidth. Note that the ICOM FA-1443B is a favorite of mine because its VHF bandwidth was notably greater than the other ~7" dual band antennas I tried. I use this antenna on my handheld scanner. (When ICOM introduced the IC-24AT, it supplied the HT with a shortened version of this antenna: the FA-1443BA. Everyone who bought a 24AT griped bout the poor performance of the ducky. Fortunately, ICOM has gone back to using the original FA-1443B in subsequent handhelds.)

The bottom line is that while there will always be performance compromises with small rubber ducky antennas, they do not have to be equivalent to a dummy load. If you have one that is, you can probably find something that works a lot better...especially if you don't mind adding an inch or two. If yours seems exceptionally bad, try swapping with someone who has the same radio to see if it might just be defective. (I once encountered a brand new 2AT whose stock antenna was a good 10-20 db worse than all other 2AT's, even though there seemed to be no physical defect. Icom sent him a free replacement. We later concluded that the rig was probably shipped with the wrong antenna.) Sometimes a little experimentation can go a long way.

73,
Greg Doerschler
N1DEM

p.s. I should mention that my experiments were done using only the relatively simple equipment which I had available at the time, and were

simply intended to satisfy my own curiousity. If you happen to be one of those who feel that no finding can possibly have any validity unless carried out in a controlled laboratory environment with multi-thousands of dollars worth of test equipment, kindly disregard everything I've said.

2694. WANTED: Built 418Mhz transmitter...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: insd2ns2@river.tay.ac.uk
Message-ID: <1996May21.110053.1151@river.tay.ac.uk>
Source record: 200952

I am looking for someone in the UK, pref. Scotland who would
be able to build me a small portable transmitter (418Mhz).

If anyone can help please mail me for more info.

Thanks,

Neil.

2695. Pinout for Motorola Maxtrac

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: ernurse@ix.netcom.com
Message-ID: <4ns8n8$2bv@sjx-ixn3.ix.netcom.com>
Source record: 200953

I'd really appreciate it if anyone could send me the mike pinout
arrangement for a motorola maxtrac. Thanks!

--

73 de Brian

|---|
| Internet: n2ofm@ampr-gw.essradio.com |
| (no large files or commercial traffic) |
| |
| Internet: ernurse@ix.netcom.com |
| |
| AX25 Packet: N2OFM @ N2IMC.NJ.USA.NA |
| |
| Amprnet: n2ofm@n2ofm.ampr.org [44.68.48.112] |
| |
Amprnet: n2ofm@gw.k2mf.ampr.org [44.64.20.2]

2696. Re: wtb parabolic reflector for microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: darwin@indy.net
Message-ID: <4nsaup$ghj@news.indy.net>
Source record: 200954

In article <832449119.4219.0@lookout.demon.co.uk>,
lwaters@lookout.demon.co.uk (Les Waters) wrote:
>I'm no at all sure that I am posting this in the right group, but can
>anyone point me in the direction of where I might be able to buy a
>hand held parabolic reflector to use with a microphone for bird sound
>recording ?
>
>Any suggestions gratefully received. Many thanks

Edmund Scientific carries them, or if the relatively large size
doesn't bother you, a metal "snow dish" will work, but isn't
parabolic.

I can't find a catalog, but hopefully you can find the number to call
>Les Waters
>

2697. Re: wtb parabolic reflector for microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Rolf Mathison <rolf_mathison@hp-usa-om13.om.hp.com>
Message-ID: <31A1D0FE.13EC@hp-usa-om13.om.hp.com>
Source record: 200955

Try an oriental WOK cover.. it makes a pretty good parabolic reflector...

Regards,

2698. Wanted: HTX-212 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: rdavis@holli.com
Message-ID: <DrqL1s.HnC@iquest.net>
Source record: 200956

Are there any Radio Shack HTX-212 mods that will allow programming out-of-band frequencies in memory? It receives out of band OK in VFO mode but, just as the manual states, I can't store these frequencies in memory. Please e-mail and/or post follow-up.

Roger Davis
N9SXZ
rdavis@holli.com

2699. Re: Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4nscpe$7pv@mksrv1.dseg.ti.com>
Source record: 200957

(snip)
>>> Has anyone ever done any impartial performance comparisons on various
>>> rubber ducky antennas? Specifically for 2M and 70CM.
(snip)
> Has anyone done a real, measured comparison of rubberducky antennas?
>
I really like the "hand tuned" antennas from Smiley Antenna Company,
which are sold by AES and other dealers. I have compared theirs to
the ones that come with various HTs (2m only) using my MFJ 249 SWR
analyzer. The difference was shocking, in every single case! The
Smiley antennas show minimum VSWR right where they belong, in the
2m band. In EVERY case, the antennas that came with the HT showed
minimum VSWR somewhere above 150 MHz, and in some cases showed a
reading of 5:1 in the 2m band! I've checked some Kenwood, Icom,
Yaesu, and Alinco duckies (but only one or two of each). This is
not a really "scientific" study, but it gets the point across. I
will continue to use the Smiley antennas. BTW, the ones I use are
a "shorty" and a "longie" (3" long, and about 9" long).

YMMV...
73 de KC5NG

2700. APOLOGY -- Sorry for posting a FS ad here...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4nscss$7pv@mksrv1.dseg.ti.com>
Source record: 200958

Last week, I posted a piece of gear for sale on another newsgroup,
and cross-posted it here also. I didn't realize that FS ads were
not allowed here. So... please accept my apologies, and be sure I
won't do it again (I got SEVERELY flamed by EIGHT PEOPLE).

73 de KC5NG

2701. Yeasu 736R transmit problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: Rick Dykstra <radteam@ix.netcom.com>
Message-ID: <31A12229.6C1F@ix.netcom.com>
Source record: 200959

I have a 736R which has intermittant transmit on 70 cm. Receive is
fine. When it transmits okay, the meter swings about 3/4 way over.
When there is a problem, it swings all the way over. The watt meter
shows I have output, but it looks like it's not on the frequency it
should be.
Has anyone run into this before.
Thanks,
Rick KD8CP

2702. Parts for Amp Supply LK500zb

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: gregg@plains.nodak.edu
Message-ID: <4nsero$lfj@daily-planet.nodak.edu>
Source record: 200960

I need the plate capacitor for my LK500ZB amp. Does anyone know anything about the Amp Supply Co. or where to find parts? I don't think this variable is anything odd or custom made, so probably I just need to find one of the right physical size and value. It is a 250pf variable, but I'll have to measure it to find the physical size.

What would make something like this arc over? I had no indication of trouble before the bzzzzzzt yesterday morning.

Joe
kn0a

****
Joe Gregg
Internet: Gregg@Plains.NoDak.edu
Ham Radio Packet: KN0A@W0ILO.#SEND.ND.USA.NOAM
Home: 701-588-4427
Work: 701-231-8353
"I yam what I yam, that's all that I yam"...Popeye, 1928
****

2703. Re: Grid indicator of HF Liner Amplifier ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-21 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4nshit$6ck@dawn.mmm.com>
Source record: 200961

w8jitom@aol.com (W8JI Tom) wrote:

>In article <31A0CF76.2187@nextel.net>, "jaiyoung,yi" <comtech1@nextel.net>
>writes:

>>
>>I am using H.F amplifier. What I am worrying about is that I can't
>>understand the indication of grid. When I am using amplifier on 20 meter
>>band into one element quad antenna, the indication of grid is less than
>>25 amp with 600 watt -output in average. However, I am using it into
>>three element quad antenna on 15 meter band, indication of grid shows me
>>around 50 amp or more,but less than 70.(output is around 600 watt).
>>What I wonder is that I am using same watt but different indication of
>>grid. Is it good or not for me to have high indication of grid ?
>>Anyone who give information regarding this problem will highly be appre-
>>ciated.

>What tube is it and what amplifier?

>73 Tom

Not sure what tube he is using but it must be a BIG SUCKA if it will
handle 25 - 50 AMPS of grid current!

Opinions expressed herein are my own and may not represent those of my employer.

2704. Standard 5718 experiences

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: pruth@alpha.cc.oberlin.edu
Message-ID: <4nv8se$dv4@news.cc.oberlin.edu>
Source record: 200712

I picked up a new Standard 5718 at the Hamvention and put it in
the car. A friend told me after the fact that I made a mistake,
that the control mike on this rig gets lots of problems down the
road, particularly with the buttons going bad. Is this true?
So far, the only problem I've encountered is ripping and peeling
of the thin rubber membrane covering the mike. I wonder if there's
an easy repair for that, too. I tried getting on to Standard's
homepage but it doesn't seem to work now. Any war stories and
advice will be greatly appreciated. 73 de Bill KB8USZ
pruth@alpha.cc.oberlin.edu

2705. Alinco DR-130T MOD Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4nv998$h6v@newsbf02.news.aol.com>
Source record: 200713

Hello,
I am a member of a local EMERGENCY MANAGEMENT AGENCY and I just
picked up a Alinco DR-130T and want to know if anyone has any mods for
this
radio?? I would like to be able to transmit on it for my EMA group on
154.770

So, if anyone out there has any mods for this radio please let me
know...

Thanks all and hope to hear from you
soon

N9MXT1 - Jeffrey

2706. Re: Parts for Amp Supply LK500zb

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4nvbav$ql8@crash.microserve.net>
Source record: 200714

Post / CC by Mail

gregg@plains.nodak.edu (Joe Gregg) wrote:

>I need the plate capacitor for my LK500ZB amp. Does anyone know
>anything about the Amp Supply Co. or where to find parts? I don't
>think this variable is anything odd or custom made, so probably I
>just need to find one of the right physical size and value. It is a
>250pf variable, but I'll have to measure it to find the physical
>size.

Is the capacitor actually defective? The Tune capacitor used to arc
occasionally in the amp that I own (before I fixed the problem),
but there was no permanent damage.

>What would make something like this arc over? I had no indication
>of trouble before the bzzzzzzt yesterday morning.

One of the things that can cause this is the T/R relay. If the
relay applies drive before it connects the load to the amplifier,
or if the contacts that connect the load are not in good condition,
the RF voltage at the input to the Pi-net can skyrocket. Depending
on the exact nature of the problem, this may occur only when the
amplifier is initially switched.

Another possibility is that the amplifier is oscillating, although
that seems unlikely if you haven't experienced problems until now.
This problem might also be caused by spurious signals in the output
of the driver.

73,
Jack WB3U

2707. Help with KLM 160 W 2-meter Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Mel Dixon <MELD@mimi.itg.ti.com>
Message-ID: <31A348BC.5F89@mimi.itg.ti.com>
Source record: 200715

I recently purchased a KLM 160-watt 2-meter amplifier, unfortunately I didn't get any paperwork with it. I need a copy of the schematic and tuning procedure if possible. Or, does anyone know how to tune one for maximum output that can tell me how here??? I could only see two pots that were adjustable. Would like to set it for the 146.52 direct section of the bank. Also noted a rear panel adjustment...What is that for???
Mel Dixon ..MELD@dlep1.itg.ti.com

2708. Re: FT-1000 Expert Needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: rval58@aol.com
Message-ID: <4nvbsc$hrk@newsbf02.news.aol.com>
Source record: 200716

Thank you guys, for the replies! With no tech manual, I didn't want to turn one of those "you can only make it worse pots". I will give these ideas a try. Thanks again,
Rick N1SQJ

2709. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31A3092A.73AD@hogsett.com>
Source record: 200717

Donald D. Davis, Jr. wrote:
>
> I agree with the folks who posted that advertised features should work
> as advertised, and the wide FM receive does not. I still like the
> radio but I'm wondering...
>
> If it really is a matter of replacing a filter, wouldn't this be an
> opportunity for some hardware mod guy? I'd be more likely to pay for a
> mod like that than $100 to have a solder bridge opened for wide band
> receive or something. I have not found any compelling evidence that a
> 75 KHz filter is larger than a 25 KHz filter. In fact, I would think
> the opposite - a tighter filter may have more components. Just think,
> by this argument a VERY wideband filter would be exceedingly large -
> or maybe just a wire :-) . I'm not suggesting that a wire should be
> used to bypass the filter, but that a wider filter may be very
> possible. Of course, it's easier to talk about it than to do it. Any
> hardware mod folks want to take on this challenge?

The technical supplement finally came, and there's no evidence of a discrete
25 KHz or 75 KHz filter. I not so good with analog circuits, but it appears
that the Wide-FM switch single just switches in/out some RC components.
Seems like these would be easy to modify. I suppose I could scan the
schematic and post it if anyone's interested.

--
+---
| Jerry Hogsett (home) jerry@hogsett.com |
| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
| (500)-G-HOGSETT http://www.hogsett.com |
---+

2710. Re: Problem with TS-520S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4nvd6a$r83@crash.microserve.net>
Source record: 200718

Post / CC by Mail

Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com> wrote:

>In CW mode (and TUNE MODE) the CW crystal does not work. It seems
>on CW the rig is entirely dead -- no RX audio, no TX, no sidetone.

This doesn't sound like a problem in the carrier oscillator.
The Kenwood probably uses two different oscillators or oscillator
crystals on CW. Most rigs of that era used the USB crystal to
receive and the CW crystal to transmit. This is what provides
the frequency shift that allows you to hear the station you're
working. Without the shift, the received signal would be zero
beat (no audio). Also, the fact that there's no sidetone seems
to indicate that this may be a switching problem.

>Problem: I only use CW! So, I have a worthless rig at this
>point. I have little access to parts/tools, but some advice
>on where to start would be helpful. I DO have a service
>manual but it doesn to go into any depth on this. Can anyone
>send me email and we can try to troubleshoot this together?

To troubleshoot this yourself, you will need at least a schematic
and a voltmeter. If the problem turns out to be RF related
(rather than a switching problem), you will also need a high
impedance RF detector or oscilloscope.

>I have some ideas -- perhaps the 3.395 crystal is bad. I tried
>tweaking the small cap near the 3.395 crystal, but no luck getting
>things to work. Anyone experience this with a 520S before?

I haven't owned one of these, but it should be a straightforward
problem to troubleshoot. Unfortunately, you may also need a
frequency counter at this point, in order to realign the trimmer.
It would be a good idea not to adjust anything else until you
know for certain what has failed.

73,
Jack WB3U

2711. Looking for manual for Kenwood TS-430S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Gorkon@msn.com
Message-ID: <00001fed+000032c6@msn.com>
Source record: 200719

I am looking for a manual for a Kenwood TS-430S. I have inherited this radio from my grandfather, W3RAZ who became a silent key last thanksgiving. If you have one of these manuals and are willing to photocopy it for me, e-mail me here. I am not current in the callbook, so you will have to e-mail me for the address. Thank you!

73,

Joel McLaughlin
N8VQJ

2712. GOES Timecode receiver TrueTime Model 468-DC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: chrise@n0jcf.com
Message-ID: <4nvb2b$7at@n0jcf.com>
Source record: 200720
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

One of my Dayton souvenirs was a Kinemetrics True Time Division
Model 468-DC GOES satellite timecode receiver. I'm looking
for any information on this beast... particularly what sort
of antenna was connected to it. It appears that it might have
been some kind of active antenna that could have had an integral
downconverter.

GOES timecode is transmitted on either 468.8250 from GOES/West
or 468.8375 from GOES/East. The front panel of the receiver
has LEDs to indicate which satellite it is receiving.

The unit also has an RS232 serial port on the back which can
output the timecode to some connected serial device.

So, if anyone has any info-- schematics, user manual, command
set for the serial port, etc. I would be very interested in
hearing from you.

Thanks.

Chris
--
Chris Elmquist, N0JCF
chrise@n0jcf.com
n0jcf@amsat.org

2713. Icom IC706 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Esteban Sanchis <esanchis@uv.es>
Message-ID: <4nve4r$11rt@power.ci.uv.es>
Source record: 200721

Hi to everybody

I have some questions on this tiny equipment
which in principle I found very nice. I have heard
that in the earlier versions it was not properly
adjusted and the reception was not very good on the higher
bands. I think this problem was already fixed by
ICOM itself, but can somebody tell me from which
serial number on this problem was fixed?
I would also know any psotive or negative feedback on it
and finally, what is the price of it in the USA?

Thanks to all for your help.

73' Stefan (EA5GMI)

2714. Re: Parts for Heathkit SB1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4nveob$ilb@newsbf02.news.aol.com>
Source record: 200722

Hi Russ,
In article <31A1D4B1.60A4@cyberhighway.net>, Russ
<russcwv@cyberhighway.net> writes:

>Anyone know where I could get bandswitch parts for
>the Heathkit SB1000 Amp. I burned the 80 and 160
>contacts off the rear deck of the bandswitch! Of
>course this happened after Heathkit went out of
>business!!

I was the designer of that amp. Heath made the amps themselves, having
bought the kit design rights.

> Ameritron made this Amp for Heathkit but
>they only stock parts for their own products...at
>least this has been my experience.

No. Heath made the amp for Heath.

The transformer, bandswitch and other parts interchange. There are two
main problems with bandswitch life in the SB-1000.

First, the HV transformwer specs were changed. The unloaded voltage is
higher in the Heath, and that increases the tank voltages.

Second, the bandswitch had a anti-corona ring omitted, that lowered the
voltage of the bandswitch on the 160 meter wafer. That is the section that
has the highest voltage gradiant between the contacts, and the usual root
of the failure.

The wafers from the AL-80B will fit the mechanical supports and shaft of
the SB-1000, and IF you add the anti-corona ring the voltage breakdown
will be much higher.

To avoid arcing, ALWAYS load the amplifier very heavy (loading cap open).
Transformers for thee AL80A are no longer available, but they were much
better transformers and had reduced no load voltage. I am talking to Pete
Dahl about replacements now, so he may have some soon.

73 Tom

>Thanks
>Russ Ellsworth WA6CWV, Boise Idaho
>
>

2715. Re: "HAM BURGER" READ THIS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: jmlowman@ix.netcom.com
Message-ID: <4nvddm$5js@dfw-ixnews5.ix.netcom.com>
Source record: 200723

In <31A211E6.4AA66058@showme.missouri.edu> Nathan Odle
<c670064@showme.missouri.edu> writes:

>FS: ad to the wrong group? I admit, I made a mistake, but I corrected
>it AND APOLOGIZED not 5 minutes after I made the post. I don't
>understand it; you afraid of me or something? Why don't you come out
>from behind that IDIOTIC alias of yours and try to show me what's up?
>The only people I thought used remailers are those sicko, perverted
>kiddie-porn guys you see on the news...you're probably a CB'er or
>something and don't want us to know you can't even get a
callsign...just
>HOW is that 11M rig with the 1/4 wave whip doin' for ya' good buddy?

Some people on here really are wound too tight. It's not that big of a
deal. FS announcements get posted to the .misc newsgroup all the time.

BTW, there is no "moderator" on this newsgroup, fortunately.

There was a big flap about this on .misc several months ago, and
accomplished the usual nothing. The FS posts continue to fly.

[snip]

>most helpful, nice people around, over something SO PETTY...
>rec.radio.amateur.equipment is one of the best resources we have. The
>only thing I can say for you, "Ham Burger", is that at least you were
>nice about it, even if you are a wimp...sorry to everyone that I had
to
>waste bandwidth with this, but "Ham Burger" needed to have some things
>explained to him.

Again, a polite reminder is all that's necessary, but some people do
get overboard about it.

Thus far, I've seen only two rational arguments against FS postings in
other than rec.radio.swap [and the name here is the biggest part of the
problem]: that FS postings may cause the newsgroup to be dropped at
some sites [read: the employer's system] where commercial posts are not
allowed, and that some users have to pay for connect time or receiving
mail/news. The solution in both cases is to find a REAL provider, that
carries all 17,000+ of the newsgroups, for better or worse.

Sorry you had the bad experience here. At least you were man enough to
apologize for the mistake.

73 de Jim - KF6CR

2716. Yaesu FT-600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: rosch@stow3.ogo.dec.com
Message-ID: <4nvgb9$a30@mrnews.mro.dec.com>
Source record: 200724

Any one have specs/price on this new entry-level HT from Yaesu?

2717. Re: APOLOGY -- Sorry for posting a FS ad here...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4nvf79$s1n@sjx-ixn2.ix.netcom.com>
Source record: 200725

In <4nsjnf$ddb@itnews.sc.intel.com> Cecil Moore
<cmoore@sedona.intel.com> writes:
>
>d-hemphill@ti.com (D.W.Hemphill KC5NG) wrote:
>>Last week, I posted a piece of gear for sale on another newsgroup,
>>and cross-posted it here also. I didn't realize that FS ads were
>>not allowed here. So... please accept my apologies, and be sure I
>>won't do it again (I got SEVERELY flamed by EIGHT PEOPLE).
>
>Some people post here because their netnews feeder system does not
>carry rec.radio.swap not knowing that their feeder system refuses
>to carry *any* group with for sale listings including this one if
>they keep it up.
>
>73, Cecil, KG7BK, OOTC (not speaking for my employer)
>
>

I keep hearing that some sites particularly military prohibit such postings but then see many "for sale" posts from .mil sites. This is a bit confusing. Perhaps at one time the rule were tighter or more stringently enforced but it seems that times have changed.

The second thought is perhaps you were a little hard on the guy Cecil, he had apologized said he wouldn't do it again. After all the OOTC doesn't extend to the net the local term is netcop. Spend a little time on 75 meter phone we could use a good OO there.

73 Jerry KK5YY

2718. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: egroen@inter.nl.net
Message-ID: <DrtGnz.KMD@inter.NL.net>
Source record: 200726

sven@worldaccess.nl wrote:

>Does Anyone Know if it is possible to switch of de transmitter for hf
>bands only.

>In the Netherland a C licend HAM (al above 30 Mhz) is not allowed to
>have a rig that can transmit on those bands.

>73 Sven PE1RHS

Yes, AMCOM verkoopt ze zo dus het moet kunnen.

Enno

2719. Need Help on KLM 160 -watt 2-meter amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Mel Dixon <MELD@mimi.itg.ti.com>
Message-ID: <31A3633B.3CD9@mimi.itg.ti.com>
Source record: 200727

Need info on how to tune up a KLM 160-watt 2-meter amp. I could only see two adjustment pots internally and a additional one on the rear panel. Does anyone know how to tune one of these for the 146.52 section of the band???? Perhaps someone has the manual for it that would be willing to fax me a couple of pages????

Thanks, Mel Dixon (WB5BTG) MELD@dlep1.itg.ti.com

2720. Re: "HAM BURGER" READ THIS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: jmaynard@k5zc.hsc.uth.tmc.edu
Message-ID: <slrn4q6n3i.91.jmaynard@k5zc.hsc.uth.tmc.edu>
Source record: 200728

I disagree with Ham Burger's approach, especially his hiding in anonymity.
That said...

On 22 May 1996 15:55:34 GMT, Jim Lowman <jmlowman@ix.netcom.com> wrote:
>Thus far, I've seen only two rational arguments against FS postings in
>other than rec.radio.swap [and the name here is the biggest part of the
>problem]: that FS postings may cause the newsgroup to be dropped at
>some sites [read: the employer's system] where commercial posts are not
>allowed, and that some users have to pay for connect time or receiving
>mail/news. The solution in both cases is to find a REAL provider, that
>carries all 17,000+ of the newsgroups, for better or worse.

"Let 'em eat cake."

No, the solution is to follow the charter as adopted by vote, so that
everyone, including those who don't HAVE real providers they can access
at a cheap flat rate, can continue to enjoy these groups.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Just because I'm a superhero doesn't mean
I have to smell poo gas." -- Freakazoid

2721. Needed: FM stereo multiplex ICs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: mfick@engrs.unl.edu
Message-ID: <4nvj4r$7js@crcnis3.unl.edu>
Source record: 200729
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.shortwave

As stated in the subject, I need to get my hands on a couple of stereo FM multiplexor chips (and their appropriate demultiplexor IC). Additional requirement: must be cheap, as these are for weather balloons that I will probably never see again after launch.

Please email me with any ideas on where I can get these chips.

--
Michael Fickenscher --
Undergraduate Student, Great wits are sure to madness near allied,
Electrical Engineering And thin partitions do their bounds divide.
University of Nebraska-Lincoln - Dryden, "Absalom and Achitophel"
-----------------------/ mfick@engrs.unl.edu /--------------------------

2722. Re: Azden Service: Excellent!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: frede@microsoft.com
Message-ID: <4nvjcd$jaa@ef2007.efhd.ford.com>
Source record: 200730

I entirely agree. The great thing about Azden products is not their uniqueness (although selling a 6 meter and 10 meter handi-talkie is unique in the industry), but the superb responsiveness of the guys who run Azden. If only the HT batteries were cheaper!!!!

FredE
(Happy Azden 6 & 10 meter HT owner)

csmith1@ccgate.hac.com (Chris Smith) wrote:

>I have an Azden PCS-7000H 2 meter mobile. One of the display lamps
>finally went out after over 2 years, so I decided to replace both
>before the other one went too...

>The radio comes with a 2-year warranty, and I'm 6 months past that, so
>"fumble-fingers" got into the radio on his own. It turned out to be much
>trickier than I'd hoped and I had no luck getting the LCD to work right
>after reassembly.

>I called their tech service and told them my woes and asked about
>replacement parts. The guy there (Lew, a ham) insisted I sent it
>back and that he'd fix it. Despite it being out of warranty, he
>fixed it right away, no charge. I sent it from MD Thurs at lunch and
>had it back the next Wed!

>Azden gets high marks by me!

2723. need help with Realistic htx-202 dtmf(setting tones)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: snod@firecraker.com
Message-ID: <4nvmm1$r1v@alterdial.UU.NET>
Source record: 200731

Hello.... I got a Realistic htx 202 about a year ago, but no manual.
To access some of the repeaters here, I need to set my tones (to 114.8
specifically). Does anyone here have a two meter handheld from radio
shack such as this one, who can help me with this? I think the codes
for the tones are in the manual. Thanx in advance.... Mark N9UVR

2724. ** Yaesu FT-50R handheld dual-band problem!!!! Read this **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: aor <aor@gteais.com>
Message-ID: <31A369E5.3316@gteais.com>
Source record: 200732

Two of my friends at Dayton purchased a Yaesu FT-50R dual band ht transcievers. They also bought the software programming package for it (version 1C).

During the download process, it stopped, and put the HT's in an European mode with 144-146MHz only, strange offsets. It now has some 220 capability, 440 capability, and now tunes the cell phone frequencies.

Not bad for a 2 meter-440 dual band... Well the radios are still stuck in this mode, and Yaesu is still puzzled. We now know that the radio has full coverage WELL beyond its claims. Now comes the part where we need to examine the download process to make these a tri band HT with scanner functions (including cell phone RX). These rigs will go up in price, if the tables/codes are understood.

I will keep you posted. Yaesu is in a panic. Don't use the 1C software programming software (for the FT-50R) on your PC until Yaesu has a fix.

Al, NW2M

2725. Re: need help with Realistic htx-202 dtmf(setting tones)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: pgc@izzy.net
Message-ID: <4nvrrl$ffi@izzy4.izzy.net>
Source record: 200733

tuffguy (snod@firecraker.com) wrote:
: Hello.... I got a Realistic htx 202 about a year ago, but no manual.
: To access some of the repeaters here, I need to set my tones (to 114.8
: specifically). Does anyone here have a two meter handheld from radio
: shack such as this one, who can help me with this? I think the codes
: for the tones are in the manual. Thanx in advance.... Mark N9UVR

The entire manual for the HTX-202 is online at
http://www.tandy.com/support/html15/15563.html

The specific answer to your question:

Code Freq.(Hz) Code Freq.(Hz) Code Freq.(Hz)
XZ 67.0 2A 114.8 7Z 186.2
XA 71.9 2B 118.8 7A 192.8
WA 74.4 3Z 123.0 M1 203.5
XB 77.0 3A 127.3 M2 210.7
WB 79.7 3B 131.8 M3 218.1
YZ 82.5 4Z 136.5 M4 225.7
YA 85.4 4A 141.3 M5 233.6
YB 88.5 4B 146.2 M6 241.8
ZZ 91.5 5Z 151.4 M7 250.3
ZA 94.8 5A 156.7
1Z 100.0 5B 162.2
1A 103.5 6Z 167.9
1B 107.2 6A 173.8
2E 110.9 6B 179.9

2726. Re: GOES Timecode receiver TrueTime Model 468-DC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4nvton$11j4@news.ccit.arizona.edu>
Source record: 200734
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

chrise@n0jcf.com (Chris Elmquist) writes:
>One of my Dayton souvenirs was a Kinemetrics True Time Division
>Model 468-DC GOES satellite timecode receiver. I'm looking
>for any information on this beast... particularly what sort
>of antenna was connected to it. It appears that it might have
>been some kind of active antenna that could have had an integral
>downconverter.
...deletia...
>So, if anyone has any info-- schematics, user manual, command
>set for the serial port, etc. I would be very interested in
>hearing from you.
>Chris Elmquist, N0JCF
>chrise@n0jcf.com
>n0jcf@amsat.org

Chris;
While I hve no info on this model, my employer does use this manufacturer's
WWVB models. Here's current contact info on the company, perhaps it will
be of help to you:

TrueTime, 2835 Duke Ct., Santa Rosa, CA 95407
707-528-1230
707-527-6640 fax

Have fun with it!

Chris - N7RME

2727. Re: Parts for Amp Supply LK500zb

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4nvvqu$nip@newsbf02.news.aol.com>
Source record: 200735

In article <4nvbav$ql8@crash.microserve.net>,
jackl@pinetree.microserve.com (WB3U) writes:

>One of the things that can cause this is the T/R relay. If the
>relay applies drive before it connects the load to the amplifier,
>or if the contacts that connect the load are not in good condition,
>the RF voltage at the input to the Pi-net can skyrocket. Depending
>on the exact nature of the problem, this may occur only when the
>amplifier is initially switched.
>
>Another possibility is that the amplifier is oscillating, although
>that seems unlikely if you haven't experienced problems until now.
>This problem might also be caused by spurious signals in the output
>of the driver.

Actually the LK-500 used a capacitor that is only reliable to ~3000 volts
NO LOAD power supply voltage. It is the same cap used in the AL-80B and
other amps.

ANY mistuning or underloading of the amp will cause the cap to arc, and if
you replace the cap with a bigger one the arc will just move to another
under-rated component like the bandswitch.

The reason for this is whenever a class AB grounded grid PA is
underloaded, the tank voltage can soar. It can reach several times the dc
anode voltage under the right conditions.

Being driven on the wrong frequency by spurious emissions is virtually
impossible to be a problem. Self oscillation is also unlikely.

The overwhelming problem is, as Jack first indicated, much too "light"
loading allowing the tank voltage to soar. Some exciters also put out a
large peak when the envelope first rises. I've measured a Kenwood 950 at
240 watts peak when set to 100 watts out, and my ICOM 706 outputs 120
watts for an instant at key closure when set to 30 watts. The power
overshoot can trigger an arc also.

73 Tom

2728. Re: Pork Butt Filter needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4nvukm$3dob@ns3-1.CC.Lehigh.EDU>
Source record: 200736

In article <4nt877$8fg@solaris.cc.vt.edu>, jimo@vt.edu (Jim Overfelt) writes:
>I need a filter to filter out WB2OTK Rich Whiten, the infamous Pork Butt.
>
>This low life scum bag has been giving Amateur Radio here in the US
>a black eye.
>
>Any suggestion on how to get him off the air will be appreciated.
>
>
Guess Ted Kazinski is no longer available :-)))
Unfortunately a license to operate does not include the requirement to be
a considerate operator.

Dick K8WHA

2729. Re: Icom IC-T7A Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: jwc@col.hp.com
Message-ID: <4o01cl$s1e@nonews.col.hp.com>
Source record: 200737

Bill Crocker (billc@mail.rust.net) wrote:
: Anyone familar with the new ICOM IC-T7A Dual-Band H.T.?

: Interested in undocumented features, extended receive frequency coverage, etc.
: Also, is the PC software available for it? If so, how does it work?

: Thanks, Bill Crocker

Must be some info out there. Please!

John > jwc@juno.com <

2730. Re: Any recomendations for TS-930 repair shop?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: ns1z@agate.net
Message-ID: <4nvv1k$fb0@service-2.agate.net>
Source record: 200738

Saad Mahaini <5606939@MCImail.com> penned thusly:

>rmozer@puma.cyberport.com (Ron Mozer) wrote:
>>
>> I have a TS-930 that exibits an intermitting receive problem. The receiver
>> goes deaf to all but the strongest of signals but comes back to life
>> (sometimes) when you change bands or turn the radio off and back on. Does
>> anybody have any recomendations for a service shop that might be able to
>> fix it?
>>
>> Thanks, 73 de Ron / ki5oh
>> ron@epfsc.com
>> ki5oh@fmngw.ki5oh.ampr.org
>> http://www.cyberport.com/~ki5oh

>Check with International Radio in Florida. They are very experienced
>with these radios. Do not even consider Tucker Electronics, since they
>have no idea on what to do in the radio repair area.

>Good Luck

Saad is correct of course. Also, you might try Groton Electronics in
Massachusettes. He has a home page at:

http://www.ultranet.com/~jacques

I have used him in the past and he appears to be fair and reasonable.
YMMV, of course. Good luck......

2731. IC 820H is it worth of buying?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: mjappine@news.hit.fi
Message-ID: <4o015l$kju@perjantai.hit.fi>
Source record: 200739

Hi,

I am looking for anything like bugs or good to know about
this Icoms dualband-multimode rig IC-820H. It is cheapest
of such rigs (containing 2m/70cm multimode) and is quide
new. For exp. Yeasu still sells it 736 which is quide old
and others like kenwoods 790 is not so simple to use..

I had heard roomers that 820 has lack of RF capabilities
on its receiver ?!

Well anyway if you might have some experience or have heard
about it let me know, that I won't trow my money to something
that doesnt work well..

I have Yaesu ft290r2 and I am quide satisfied to it but I would
like to have also multimode for 70cm (satellite working)
and f I buy single band rig it wuold cost me same or little more..
And with transvertes and so on it is allways hassle with cables..

Antero Jappinen Email mjappine@maanantai.hit.fi
Packet OH2LJH@OH2BAR.FIN.EU

2732. Re. 12-24 HR LED Clock Display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: rxbobxr@globalone.net
Message-ID: <4o02is$ksd@news.global1.net>
Source record: 200740

hi name is bob --wb2flx-- have heard there is a way to change a 12 hr display LED clock to 24 HR --
anyone know how -- thanks for the help?? bob wb2flx

2733. DUAL-BAND HT INFO??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Marty Gulseth <gulseth@spk.hp.com>
Message-ID: <31A39C0F.72AF@spk.hp.com>
Source record: 200741

Hello All,

I have a friend who is in the process of getting his first license. He is shopping for a dual-band
HT, and is narrowing his search to two: The Icom IC-T7A, and the Yaesu 50R.

Any experiences or comments to share? (I have not bought a VHF or UHF rig in several eons!0

Thanks es best 73 DE W7LEJ

Marty, Spokane, WA

2734. Re: Needing Kenwood 7625 PA Module

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Jacques Patry <jacques@ultranet.com>
Message-ID: <31A3A2E0.2694@ultranet.com>
Source record: 200742

Gary McDuffie, Sr. wrote:
>
> I am in need of a 7625 "brick". The one I have seems to have an internal
> intermittant. It is not reliable enough to put at an unmanned site, where
> I want it to run, but it will run all day at home (of course). Does anyone
> know where one might buy one? Or, do you happen to have a junker with a
> good PA you would sell at a reasonable price? Make an offer.
>
> 73 and thanks for your consideration,
> Gary
> mcduffie@hannibal.wncc.cc.ne.usTry RF parts in San Marcos CA. 1-800-737-2787

2735. HOW MUCH SHOULD I PAY FOR YAESU FT-101E ? **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: aor <aor@gteais.com>
Message-ID: <31A36A35.1B7F@gteais.com>
Source record: 200743

I agree... I saw some near-basket cases for 350-375 at Dayton. A real shame....

Al, NW2M

WB3U wrote:
>
> Tom Zoch (tomz@premier1.net) wrote:
>
> > I saw a number of them going for about $250ish
>
> A clean FT-101EE or FT-101E still sells for at least $300, and if
> it's really clean, $350-375 isn't out of line.
>
> On the other hand, I've seen quite a few of these at hamfests for
> $250-300 that probably weren't even worth $150.
>
> 73,
> Jack WB3U

2736. FT480R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: jrayol@manaus.pegasus.COM.BR
Message-ID: <31A3A33F.4976@manaus.pegasus.com.br>
Source record: 200744

Hello Friend
Can someone help me with mods for the Yaesu FT480R multi-mode radio?
Thanks for anything...
73's

jrayol@manaus.pegasus.com.br

2737. DENTRON / SWAN INFO NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: francer@usa1.com
Message-ID: <5167cc$121a2f.3c8@news2.usa1.com>
Source record: 200745

--
--LOOKING FOR INSTRUCTION SHEETS FOR DENTRON JR. MONITOR ANTENNA
TUNER AND SWAN 1A SWR/PWR METER.

WILL PAY EXPENSES!!!

thanks 73 N1RPD

2738. Need Motorola programing software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: dennism@cache.net
Message-ID: <4o02ip$s6@itchy.itsnet.com>
Source record: 200746

Does anyone have programing software for Motorola radios. I bought some radios and I need to program them.

73 de KC7BDT

2739. IC-27H PRICE??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: fran piraino <franbarb@prolog.ptd.net>
Message-ID: <31A3D9B2.54A9@prolog.ptd.net>
Source record: 200747

CAN ANYONE TELL ME WHAT A 27H MIGHT BE WORTH?
NOT THE CLEANEST BUT IT DOES WORK OK.
MANY THANKS. FRANBARB@PROLOG.NET

2740. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Ken Neal <ir002126@interramp.com>
Message-ID: <31A3B891.F26@interramp.com>
Source record: 200748
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Anthony R. Gold wrote:
>
> In article <831505842snz@microvst.demon.co.uk>
> tgold@microvst.demon.co.uk "Anthony R. Gold" writes:
>
> > I know this one was discussed thoroughly before, but I had less interest at
> > that time and so I wasn't taking notes. Could I hear any views on the
> > comparative advantages of the AEA and MFJ analysers in terms of accuracy,
> > versatility and features. I am interested in both MF/HF and VHF, but I am
> > willing to consider separate units for the different band ranges.
>
> Thanks to all who answered here and by email. I am now a satisfied owner
> of an MFJ-259.

My question is a little different-- I have the MFJ-208 for VHF and
the MFJ-247 for HF. Would I be gaining anything (other than a
single unit) by selling these two and buying the MFJ-259?

Your opinion, please!

Ken Neal - KM4BW

2741. Re: need help with Realistic htx-202 dtmf(setting tones)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: "Andrew D. Lawlor" <adlawlor@concentric.net>
Message-ID: <31A3BDCB.62E6@concentric.net>
Source record: 200749

Peter G. Campbell wrote:
>
> tuffguy (snod@firecraker.com) wrote:
> : Hello.... I got a Realistic htx 202 about a year ago, but no manual.
> : To access some of the repeaters here, I need to set my tones (to 114.8
> : specifically). Does anyone here have a two meter handheld from radio
> : shack such as this one, who can help me with this? I think the codes
> : for the tones are in the manual. Thanx in advance.... Mark N9UVR
>
> The entire manual for the HTX-202 is online at
> http://www.tandy.com/support/html15/15563.html
>
> The specific answer to your question:
>
> Code Freq.(Hz) Code Freq.(Hz) Code Freq.(Hz)
> XZ 67.0 2A 114.8 7Z 186.2
> XA 71.9 2B 118.8 7A 192.8
> WA 74.4 3Z 123.0 M1 203.5
> XB 77.0 3A 127.3 M2 210.7
> WB 79.7 3B 131.8 M3 218.1
> YZ 82.5 4Z 136.5 M4 225.7
> YA 85.4 4A 141.3 M5 233.6
> YB 88.5 4B 146.2 M6 241.8
> ZZ 91.5 5Z 151.4 M7 250.3
> ZA 94.8 5A 156.7
> 1Z 100.0 5B 162.2
> 1A 103.5 6Z 167.9
> 1B 107.2 6A 173.8
> 2E 110.9 6B 179.9
>

That's interesting, my HTX-202 doesn't have any of the letter codes anywhere on
the machine itself so why do they list them in the manual? It seems like its
a simple adjustment using the Function+M-Set keys, find the RC and TC (receive
and transmit tones respectively) and turning the tuning knob to the correct
subaudible tone. What exactly do the letters do for the user?
73 Andy KC6NMD

2742. Icom IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: "Kenneth I. Rotker" <ken@pe.net>
Message-ID: <31A3C27F.2B5A@pe.net>
Source record: 200750

I just bought a Z1A and I would like some advice on a back-up battery pack (the rig comes with a BP180). What pack do you recommend? Who sells it? Cost? (a big factor). Whatever you recommend must be capable of being charged by the standard Icom wall charger that comes with the rig. Any imput will be appreciated. Tnx.

Ken, W4OFE
ken@pe.net

2743. FT736R undocumented function

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: parf@aol.com
Message-ID: <4o0nf7$1gt@newsbf02.news.aol.com>
Source record: 200751

I would like to be able to track the 2 VFO's on the same band (i.e. for EME it would be nice to have the XMIT 3 KHz below RX on a rising moon @1296 MHz). As far as I have found the 736 only allows tracking on different bands. I have discovered undocumented features before- anyone know of one for this?

73, Dale WA2YPY

2744. Re: Dayton Hamvention

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Harold Hackman <hhackman@earthlink.net>
Message-ID: <31A3EBBA.2B8B@earthlink.net>
Source record: 200752

Ken Gunton wrote:
>
> Let's congratulate the Hamvention organizers for moving the date to
> three weeks later! The weather was near perfect! Attendance seemed to
> be good, and there were DEALS TO BE HAD! I bought two 6146's for my
> SB-102 (first time I've replaced the tubes since I built the xcvr in
> 1969!) for $10.00 each and they work fine.
>
> A new, higher output battery pack for my Kenwood TR-2500, and new
> Nicads for my Drake TR-22 rounded out my needed items.
>
> Wanted goodies included a new SW rcvr for my ham-to-be son, and an HF
> vertical antenna and a length of RG59, then on to the computer stuff.
> 16 Meg 60ns w/parity for $169 was good, so I got two. That was all the
> money I had for the day, so I looked for microwave goodies. There were
> more microwave components at this show than at any other. Where else
> could you find Narda directional couplers for $25.00 (brand new
> condition, recent pulls from new equipment), or RLC SP6T switches for
> $75.00.
>
> All in all, a very successful show, and the weather really helped.
>
> See you all next year.
>
> Regards,
>
> Ken Gunton WB6QWF TL Distributing - Microwave and RF Components
> CAGE Code 01DH7 http://www.erinet.com/kenny/microwave.htmlAs well, the DARA group did a
great job with traffic and all the other
assorted problems that must have come up. I enjoyed myself and talked to
lots of other folks who did too.

Regards,

Harold
KE6TVO

2745. Re: Icom IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: rtm@netgate.net
Message-ID: <rtm-2205962206280001@d19.netgate.net>
Source record: 200753

In article <31A3C27F.2B5A@pe.net>, "Kenneth I. Rotker" <ken@pe.net> wrote:

> I just bought a Z1A and I would like some advice on a back-up battery
> pack (the rig comes with a BP180). What pack do you recommend? Who sells
> it? Cost? (a big factor). Whatever you recommend must be capable of
> being charged by the standard Icom wall charger that comes with the
> rig. Any imput will be appreciated. Tnx.
>
> Ken, W4OFE
> ken@pe.net

I'd strongly suggest the BP-170 battery case, which holds 4 AA cells of your choice. You can "recharge" this case in about 30 seconds with a fresh set of AA cells. In emergency situations, the wall charger isn't going to work very well if AC power is out.

For long-term emergency use, a set of 4 AA lithium cells have a very long shelf life, and better performance in high current drain (hi power transmit) situations. You can also buy bulk packs of AA alkaline cells at most warehouse stores pretty cheap.

73-

--

Bob Martin N6MZV * rtm@netgate.net

2746. Re: ** Yaesu FT-50R handheld dual-band problem!!!! Read this **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: gottria@earthlink.net
Message-ID: <31A3FEC2.4B53@earthlink.net>
Source record: 200754

aor wrote:
>
> Two of my friends at Dayton purchased a Yaesu FT-50R dual band ht
> transcievers. They also bought the software programming package for it
> (version 1C).
>
> During the download process, it stopped, and put the HT's in an European
> mode with 144-146MHz only, strange offsets. It now has some 220
> capability, 440 capability, and now tunes the cell phone frequencies.
>
> Not bad for a 2 meter-440 dual band... Well the radios are still stuck
> in this mode, and Yaesu is still puzzled. We now know that the radio has
> full coverage WELL beyond its claims. Now comes the part where we need
> to examine the download process to make these a tri band HT with scanner
> functions (including cell phone RX). These rigs will go up in price, if
> the tables/codes are understood.
>
> I will keep you posted. Yaesu is in a panic. Don't use the 1C software
> programming software (for the FT-50R) on your PC until Yaesu has a fix.
>
> Al, NW2M

What are the specific frequency limits for transmiting and receiving after
reprograming with adms 1C? Below 40Mhz I hope!!!
--

Greg Ottria, KE6PTP
San Leandro, California
E-Mail: gottria@earthlink.net
1996 Sea Doo GTX

2747. Ft 51r mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: gooch <gooch@burgoyne.com>
Message-ID: <31A3C159.12ED@burgoyne.com>
Source record: 200755

if anyone knows about any mods for this radio please contact me

2748. Ft 51r mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: gooch <gooch@burgoyne.com>
Message-ID: <31A3C177.3E8E@burgoyne.com>
Source record: 200756
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

if anyone knows about any mods for this radio please contact me

2749. FT757 Radio Control-need

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: billh@gn2.getnet.com
Message-ID: <4o081e$qe4@news.getnet.com>
Source record: 200757

I would like to find a good computer control program for a
757-gx. If someone can direct me to a program name or FTP site or
such it would be appreciated.

Thanks
Bill W7JSW
billh@getnet.com

2750. Question: glass-mount glue?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: usdhicks@cc.memphis.edu
Message-ID: <1996May22.225248@msuvx1.memphis.edu>
Source record: 200758

Thanks for reading.

I am considering buying a glass-mount antenna for my scanner. I already have several mag-mounts on my roof, and I think the glass-mount is the best choice for my particulat application. But I have a question I'd like to ask before I go out and buy one:

What type of glue do you use to put it on with, and how well does it hold. If it holds too well, how do you get the antenna off? What if it doesn't hold too good? Does it fly off as you driving down the highway? And does it leave any markings on the glass after you remove it?

Any help or comments will be greatly appreciated. You can respond to me direct, or post it here so other's can read it.

Thanks & 73
de Steve, AB5ZW
usdhicks@cc.memphis.edu

2751. test cq cq cq de vk3vyu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: adamw@shep.shepparton.net.au
Message-ID: <adamw-2205960005270001@shep-dialup6.shepparton.net.au>
Source record: 200841

hello

2752. FT736R Mystery Choke

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Guy Fletcher <guy@mpce.mq.edu.au>
Message-ID: <31A39897.5DDE@mpce.mq.edu.au>
Source record: 200842
Cross-posted to: rec.radio.amateur.equipment,aus.radio.amateur.misc

Under the top cover of the FT736R, in the back left-hand corner,
just to the right of and below a fuse board, is a brown toroidal
AF choke with one end wired to a stand-off tag. It is wired
directly in series with the main DC line to the 144MHz and 430MHz
PA Units, possibly also in series with the 2 optional PA units.
It is similar, possibly identical, to the choke L801 in the REG
Unit (see Connection Diagram, bottom left corner), but it is NOT
this choke.

The inclusion of an undecoupled AF choke in series with the main
power lead to a linear amplifier is a VERY STRANGE practice,
even unprecedented. Why is it there?

Naturally it has no effect in FM mode, but its effect is dramatic
on SSB. A voltmeter on the downstream side of this choke shows
little effect, but a CRO shows that the DC line varies by around
+/-4 volts with each audio cycle. This dramatically lowers the PA gain.

If you decouple the choke properly, the gain rises to such an
extent that the MIC gain must be turned right down, with the
further consequence that the speech processor becomes inoperative.

The mystery choke does NOT appear on the circuit diagram or parts
list. Did Yaesu fit it to mask some other instability problem?
It has all the appearance of a factory cludge, rather than
addressing the original problem it masks.

Any contributions from other owners (or Yaesu) would be fascinating.

Guy VK2BBF guy@mpce.mq.edu.au

2753. Need FT-757 for parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: egriffin@ctc.net
Message-ID: <4ntrnu$t42@news1.sunbelt.net>
Source record: 200843

looking for a ft-757 to salvage some parts from.
Ed.....KC4DPK

2754. IC-706 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: "C. A. La Varre" <alavarre@amaranth.com>
Message-ID: <4ntv75$7lq@news2.delphi.com>
Source record: 200844

How to extend xmit to all bands on IC-706? Sources for mods?

The IC-720 had a wire which when snipped allowed all band xmit.

TIA,
Andy La Varre
Presented by Galahad
http://www.perdido.com/business/t&ce.html

2755. What's a Kenwood KSC-1 rapid charger? Schematics?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: mreiney@hevanet.com
Message-ID: <4ntuv8$98m@vista.hevanet.com>
Source record: 200845

I picked up a used Kenwood KSC-1 Rapid Charger. I can't find it in
any of the old AES catalogs. What battereis does it charge? Volts
etc.
It trickle charges ok, but I can't get it to rapaid charge on any
battery voltage. Maybe I need to hook up one of the sense contacts.
Anyone got a schematic? Ideas on how the 4 contacts hook up in the
battery?
Thanks, miker

2756. Needing Kenwood 7625 PA Module

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <31a2776d.13737786@164.119.101.2>
Source record: 200846

I am in need of a 7625 "brick". The one I have seems to have an internal intermittant. It is not reliable enough to put at an unmanned site, where I want it to run, but it will run all day at home (of course). Does anyone know where one might buy one? Or, do you happen to have a junker with a good PA you would sell at a reasonable price? Make an offer.

73 and thanks for your consideration,
Gary
mcduffie@hannibal.wncc.cc.ne.us

2757. IC-2340 800MHz MOD???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: ccsys@interport.net
Message-ID: <31a28837.10740744@news.interport.net>
Source record: 200847

Has anyone gotten the Icom 2340 to receive on 800-900 like the 2410? Mine has the front-end module installed but after much diode-testing and jumper-changing I still haven't had any luck. The ICOM techs I've asked have changed the subject very quickly. Anyone know if it's a cpu swap???

Andrew
N2CBU

2758. Re: Yeasu 736R transmit problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: Guy Fletcher <guy@mpce.mq.edu.au>
Message-ID: <31A37844.39B@mpce.mq.edu.au>
Source record: 200848

Rick Dykstra wrote:
>
> I have a 736R which has intermittant transmit on 70 cm. Receive is
> fine. When it transmits okay, the meter swings about 3/4 way over.
> When there is a problem, it swings all the way over. The watt meter
> shows I have output, but it looks like it's not on the frequency it
> should be.
> Has anyone run into this before.
> Thanks,
> Rick KD8CP

Yes, this problem is not uncommon in the FT736R.
The rig takes off around 453MHz!
The problem lies in the VCO on the 430MHz RF Unit;
the input to this is inadequately decoupled.

I will email you details, and anyone else with the problem
may care to contact me by email.

Thanks to Gordon McDonald VK2ZAB, who tracked down this
problem on his own rig this morning. It hasn't yet surfaced
on my FT736R!

Guy VK2BBF guy@mpce.mq.edu.au

2759. Need manual for Autek CMOS Keyer MK-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: n1mm@usa.pipeline.com
Message-ID: <4nupbg$8kf@news1.t1.usa.pipeline.com>
Source record: 200849

I bought an Autek MK-1 CMOS Keyer at Dayton
and I need a copy of the manual. Anybody got
one?

Tom - N1MM

2760. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4nu3q0$22f8@mule2.mindspring.com>
Source record: 200850

I agree with the folks who posted that advertised features should work as advertised, and the wide FM receive does not. I still like the radio but I'm wondering...

If it really is a matter of replacing a filter, wouldn't this be an opportunity for some hardware mod guy? I'd be more likely to pay for a mod like that than $100 to have a solder bridge opened for wide band receive or something. I have not found any compelling evidence that a 75 KHz filter is larger than a 25 KHz filter. In fact, I would think the opposite - a tighter filter may have more components. Just think, by this argument a VERY wideband filter would be exceedingly large - or maybe just a wire :-) . I'm not suggesting that a wire should be used to bypass the filter, but that a wider filter may be very possible. Of course, it's easier to talk about it than to do it. Any hardware mod folks want to take on this challenge?

2761. Re: How to Optimize Quads?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: parf@aol.com
Message-ID: <4nu6ui$7iq@newsbf02.news.aol.com>
Source record: 200851
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Although the MFJ piece is a nice VSWR meter, aside from helping adjust for a 1:1 match, it does nothing for optimization. Field optimization is a long painstaking procedure requiring a proper range, test antenna, source and acurrate calibrated (in dB) receiver. In addition, unless the range is a slant range your efforts may be in vain.
Bob Haviland's (sp?) quad handbook is an excellent starting point. Beyond that Brian Beezley's Antenna Optimizer will allow you to "build 1000's of quads in minutes using gain, F/B and VSWR for optimization goals. Start w/ the book then enter the models into the program.

73, Dale WA2YPY

2762. FS: Used Test Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: kto9@mail.fwi.com
Message-ID: <4nu0br$6i7@News.IDT.NET>
Source record: 200852

I have several pieces of test equipment for sale; all in great condition.

HP 339A Distortion Measurement System -- $1750
HP 85024A High Frquency Probe -- $1000
HP 3478A Digital Multimeter -- $ 650
Fluke 8600A Digital Multimeter -- $ 175
Tektronix 2235A Oscilliscope -- $ 850

E-mail or phone at 219-429-4373

2763. Yaesu FTL-2011

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: alon_gad@netvision.net.il
Message-ID: <4nu5to$d3n@news.NetVision.net.il>
Source record: 200853

hi there,
I want to program my x-mitter and for that I'm looking for some
software and a few good ideas from the more experienced.
Thank you in advance & 73,
4Z7 ADA
Gady
alon_gad@netvision.net.il

2764. Yaesu FTL

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: alon_gad@netvision.net.il
Message-ID: <4nu5kd$d3n@news.NetVision.net.il>
Source record: 200854

there,
I want to program my x-mitter and for that I'm looking for some
software and a few good ideas from the more experienced.
Thank you in advance & 73,
4Z7 ADA
Gady
alon_gad@netvision.net.il

2765. Re: 2m/440 mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: scan77@prairienet.org
Message-ID: <4nua0b$q0e@vixen.cso.uiuc.edu>
Source record: 200855

The Yaesu FT-5100:
I can't quite say enough about this fine machine. I've had one since last November. Truly provides 50w on 2m and 35w on 70cm. Operates nicely in crossband mode. Many fellow hams have commented on the nice audio. However, the #1 feature is the backlit dtmf microphone.

Now for the cons:
No extended rx coverage on 70cm band (there is a mod to remedy this, but I understand that it would significantly decrease intermod rejection)
No remote control for crossband repeater feature(of course, it's not meant to be used as a repeater)
It does not come standard with ctcss decoder ($50-$60 option-easy to install)

All in all, this radio is very easy to operate with your eyes closed, and I would anxiously purchase another one.

73 de KB9LLD- Tony

--

2766. Help - Dentron Ant Tuner Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: francer@usa1.com
Message-ID: <5167cc$7127.c5@news2.usa1.com>
Source record: 200856

- -
- -

2767. RADIO MODS AND MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: braymer@InfoAve.Net
Message-ID: <4nuuhv$g5r@news1.sunbelt.net>
Source record: 200857

For those who are wanting mod for there radios how about getting the
book Radio/Tech Modifications and Alignements Controls.You can order
this book from PO Box 1428 Burbank,CA 91507 or connect too them via
this Great Internet System http://www.earthlink.net/~artsci
the books are $19.95 and there well worth the price,One can fine them
at HamFest for $15.00.

2768. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <832765677snz@microvst.demon.co.uk>
Source record: 200858
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <831505842snz@microvst.demon.co.uk>
tgold@microvst.demon.co.uk "Anthony R. Gold" writes:

> I know this one was discussed thoroughly before, but I had less interest at
> that time and so I wasn't taking notes. Could I hear any views on the
> comparative advantages of the AEA and MFJ analysers in terms of accuracy,
> versatility and features. I am interested in both MF/HF and VHF, but I am
> willing to consider separate units for the different band ranges.

Thanks to all who answered here and by email. I am now a satisfied owner
of an MFJ-259. Seems pretty accurate and goes from Top Band to 2m in 1
unit. Jeff Welch on the MFJ booth at Dayton showed me the unit and then
pointed me to a nearby dealer's booth where it was being sold for $60 off
list. He also said he would help if I needed any help in alignment. Top
notch!

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2769. Re: Req. for Mods: Alinco DJ-G5T, Kenwood TM-742

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2205960910280001@145.39.1.10>
Source record: 200859

In article <kendall-2105961528580001@kendall.enable-sgctr.vt.edu>,
kendall@vt.edu (Gary F. Kendall) wrote:

> Is anyone aware of any other mods for the DJ-G5T besides the "cut the blue
> wire" for extended TX? I recently learned that the European version can
> be modified for 800 MHz RX but it supposedly has a different chip set in
> it. I've scrounged cyber-space without much luck.
>
> Also, a friend of mine just bought a TM-742 at Dayton; he is trying to
> modify the 6m section for TX down to 45 MHz. He's been able to tune it
> down to 46, which is close, but not close enough... Has anyone succeeded
> with a similar mod?
>
> Any info would be appreciated. Thanks much!
>
> -- Gary KB4GCF
>
> --
> Gary F. Kendall, Programmer/Analyst kendall@vt.edu
> Project ENABLE -- the Administrative Systems Initiative
> Virginia Tech

I would assume that your friend is a ham also, and that he already knows
that using a non FCC Type-accepted transmitter on Part 90 freqs is
illegal.

--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

2770. Re: FT-10R Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2205960926330001@145.39.1.10>
Source record: 200860

In article <4nqbcb$u3o@sol.caps.maine.edu>, newman@maine.maine.edu (Bryan D. Newman) wrote:

> Are there any Mods out for the FT-10R? I specifically want ot open up
> the transmit so that I can use it at work also.

As an amateur operator you should already be aware that use of non-FCC Type accepted equipment is NOT permitted on commercial channels. Being found in violation of the rules could cost you your amateur license and your employer could lose his industrial radio license. This could mean that you'd also be looking for a new employer.

--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

2771. Re: Smith Charts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-22 00:00:00 UTC
From: billr@pinsight.com
Message-ID: <4nv6vk$8mi@jolt.pagesat.net>
Source record: 200861

billr@pinsight.com (Bill Robinson) wrote:

>I have a box of Smith Charts that has never been opened. Original
>price was $22.00 many years ago. If you pay $5.00 to cover gas and
>the postage they're yours.

These have been sold.

Thanks, Bill

2772. Re: IC 820H is it worth of buying?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: dkaylor@hayburn.com
Message-ID: <31a3b1a8.8265177@news.hayburn.com>
Source record: 200759

On 22 May 1996 21:32:37 GMT, mjappine@news.hit.fi (Mika Antero
J�ppinen) wrote:

```
>
>Hi,
>
> I am looking for anything like bugs or good to know about
> this Icoms dualband-multimode rig IC-820H. It is cheapest
> of such rigs (containing 2m/70cm multimode) and is quide
> new. For exp. Yeasu still sells it 736 which is quide old
> and others like kenwoods 790 is not so simple to use..
>
> I had heard roomers that 820 has lack of RF capabilities
> on its receiver ?!
>
> Well anyway if you might have some experience or have heard
> about it let me know, that I won't trow my money to something
> that doesnt work well..
>
> I have Yaesu ft290r2 and I am quide satisfied to it but I would
> like to have also multimode for 70cm (satellite working)
> and f I buy single band rig it wuold cost me same or little more..
> And with transvertes and so on it is allways hassle with cables..
>
> Antero Jappinen Email mjappine@maanantai.hit.fi
> Packet OH2LJH@OH2BAR.FIN.EU
>
>
>

If you are interested in the 820 you might want to wait a little while
the have come out with a 821 which has some updates over the 820. So
if you are looking to buy one I would check with icom on the new one
and the differences. Good Luck. 73 de Dave.
```

2773. FT480R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: jrayol@manaus.pegasus.COM.BR
Message-ID: <31A3D30C.83F@manaus.pegasus.com.br>
Source record: 200760

Hello Friend
Can someone help me with mods for the Yaesu FT480R multi-mode radio?
Thanks for anything...
73's

jrayol@manaus.pegasus.com.br

2774. KDK FM-2033

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: tsimpson@iglou.com
Message-ID: <Dru680.6GD@iglou.com>
Source record: 200761

I'm looking for a source of a Schematic for the KDK FM-2033 VHF Radio.

The one I was given doesn't Tx or Rx but it lights up at least. I would also like to know what IF any Mods could be done to this radio. It's from about the mid 80's . It looks inside like it has UHF capabilities as well,from what I've been able to find on the PC boards.

E-mail replies would be appriecieated.

Tom

--

Tom & Cassandra Simpson
tsimpson@iglou.com
KF4GKW & KF4GKX

2775. FT-480R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: jrayol@manaus.pegasus.COM.BR
Message-ID: <31A3D022.5BE7@manaus.pegasus.com.br>
Source record: 200762

Hello Friend
Can someone help me with mods for the Yaesu FT480R multi-mode radio?
Thanks for anything...
73's

jrayol@manaus.pegasus.com.br

2776. Re: ** Yaesu FT-50R handheld dual-band problem!!!! Read this **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: Rod Thompson <rts@mail.ro.com>
Message-ID: <4o0k5j$k6b@news.ro.com>
Source record: 200763

aor <aor@gteais.com> wrote:
>Two of my friends at Dayton purchased a Yaesu FT-50R dual band ht
>transcievers. They also bought the software programming package for it
>(version 1C).
>
>During the download process, it stopped, and put the HT's in an European
>mode with 144-146MHz only, strange offsets. It now has some 220
>capability, 440 capability, and now tunes the cell phone frequencies.
>
>Not bad for a 2 meter-440 dual band... Well the radios are still stuck
>in this mode, and Yaesu is still puzzled. We now know that the radio has
>full coverage WELL beyond its claims. Now comes the part where we need
>to examine the download process to make these a tri band HT with scanner
>functions (including cell phone RX). These rigs will go up in price, if
>the tables/codes are understood.
>
>I will keep you posted. Yaesu is in a panic. Don't use the 1C software
>programming software (for the FT-50R) on your PC until Yaesu has a fix.
>
>Al, NW2M

Hopfully your two friends call us here at RT Systems to report the problem and receive a new program for the FT-50.

The telephone number is 205-880-3093.

2777. Re: Re. 12-24 HR LED Clock Display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: Ron Giuntini <rong@204.160.88.10>
Message-ID: <4o0m76$lm3@news1.slip.net>
Source record: 200764

Every chip that is used in digital clocks has a 24 hr option. By properly accessing the chip, it is possible to get a 24 hr readout. What you need is a tech info sheet on the chip in your clock. You will see the correct pin identified and by grounding it or applying a voltage you will achieve the desired effect. By the way, digital clocks capable of displaying 24 hour format are cheap. (10.00 and up). You must have a really nice one that you want to convert. Have fun. If it is not too expensive, then you don't have much to lose. Anyway, as I said, it is just a pin that you have to identify on the chip. Ron KB6GK

2778. ICOM 900/901 RADIO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: dbh_prod@ix.netcom.com
Message-ID: <4o0mfq$9bj@dfw-ixnews5.ix.netcom.com>
Source record: 200765

Lookin for the ICOM 900/901 moduals. Check around your ham shacks.
Someone has to have
some of these things laying around ICOM made thousands of em.

LOOKING FOR THE UX-129A 1.2 GIG
UX-R91A WIDE BAND RECIEVER

JEFF
KD6GDB
DBH_PROD@ix.netcom.com
310-392-7307

2779. FCC Public Notice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb485f.39647b00$c4111dcc@gfiber.halcyon.com>
Source record: 200766

Well These types of notices usually mean some forth coming action from
the FCC, we'll see if they tell the manufacturers to stop making the HF
amateur radios capable of being opened up for all band TX.
This may be the start of new enforcement action to control illegal
operation of amateur equipment.

PUBLIC NOTICE
FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET NW
WASHINGTON, D.C. 2055462882

News media information 202/418-0500.
Recorded listing of releases and texts 202/418-2222.

May 13, 1996

Extended Coverage High Frequency Transceivers

The purpose of this Public Notice is to clarify the Commission's
Rules regarding equipment
that is intended to operate in various radio services in the high
frequency radio spectrum, including
"10-Meter" Amateur Radio Service (ARS) equipment.

The Commission has noted that a number of transceivers imported as
ARS equipment are
also capable of transmitting and are being operated in nearby frequency
bands allocated to other
radio services such as the Private Land Mobile Radio Services, Maritime
Services, Auxiliary
Broadcast Services, International Broadcasting Services, the Citizens Band
Radio Service, and the
U.S. Government. Operation of this equipment causes interference to the
authorized users of
these frequencies. Some of these transceivers are capable of using output
powers or emission
types which are not permitted for the radio services listed above and some
are capable of
transmitting in the radio astronomy band where no two-way
radiocommunication is permitted.
Some manufacturers are promoting the sale of conversion kits, or have
designed their transceivers
such that they can easily be modified by the users, to extend the
operating frequency range into
the frequency bands listed above. In addition, so called "export" radios
which are deliberately

designed to facilitate this capability are also being imported and marketed.

Manufacturers, importers, vendors and users of these transceivers are reminded that transmitters intended for operation on frequencies allocated to any of the FCC authorized radio services listed above, except the ARS, must be type accepted by the Commission for the particular radio service(s) in which they are intended to operate prior to their importation, marketing or use. The Commission considers that the transceivers discussed above are intended to be operated on frequencies where the use of type accepted equipment is required, because of the simplicity of modifying them to extend their operating frequency range. Transmitters designed and intended for use only in the ARS must comply with the applicable technical standards contained in Part 97 of the Commission's Rules but are not required to be type accepted.

It is a violation of the Commission's regulations to: (1) import or market a transmitter that is designed or intended to operate on frequencies outside of the ARS bands, if it has not been issued a grant of equipment authorization for the radio service(s) in which the transmitter is capable of operating; (2) import, market or operate a transmitter that requires a grant of equipment authorization but for which no grant has been issued; or, (3) transmit on a frequency allocated to a licensed radio service without the appropriate Commission-issued station license. Violation of the Commission's regulations will subject manufacturers, importers, vendors and users of this equipment to appropriate criminal penalties as provided for by federal law(s), including fines and/or imprisonment. In addition, the equipment described above can be seized by, and forfeited to, the government.

For further information concerning this Public Notice, contact Gary Hendrickson at the FCC Laboratory, 7435-A Oakland Mills Road, Columbia, Md. 21046, (301) 725-1585, Extension 223, or E-mail: ghendric@fcc.gov.

2780. Radio specs for Drake TR 33C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: kb2ehj@nando.net
Message-ID: <4o0r96$o64@castle.nando.net>
Source record: 200767

Does anyone out there have the output power for an old Drake
TR 33c or even better a users guide that I maybe able to get
a photo copy of, I'm willing to pay for copy and s/h.

Thanks in advance

Mark
KB2EHJ

2781. Re: "HAM BURGER" READ THIS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4o0v8v$873@news.whidbey.com>
Source record: 200768

Yes, I agree...who iz this guy who iz "hid'in" behine
an alias name???? Do he own this bandwidth???? I got
2 post fm him also....My comment iz:
"some peoples kids"???

2782. ICOM P2AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: aa766@freenet.hamilton.on.ca
Message-ID: <4o0ofh$ofd@main.freenet.hamilton.on.ca>
Source record: 200769
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hello and thanks for reading this post.

I just purchased a Icom P2AT handheld. Unfortunately, the seller could
not find the operating manual. I need to know the CPU reset sequence.

If you have this information, I would appreciate it very much.

73 Mike VE3AHQ

--

2783. Standard 508a micro HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: taucom@kaiwan.com
Message-ID: <4o13vg$19r@kaiwan.kaiwan.com>
Source record: 200770

Hey, anyone out here with a Standard 508a micro multi-band HT?

Just wondering how you liked it....I'm thinking of picking one up in addition to my Yaesu FT-51r dual bander HT....the 508a seems like a great little unit for my work with others using a Motorola commercial HT on the 154 MHz freqs...it's smaller than the Yeasu, and I like the idea of alkaline's....my Yeasu is getting pretty banged up from work...along with my amateur use.

If you know of a used Standard 508a for sale, I might be interested also!

Thanx,
Manny Tau WH6OQ

****
Manny Tau, Psy.D.
taucom@kaiwan.com
CI$: 73617,1731
****

2784. ICOM IC27-H price??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: fran piraino <franbarb@prolog.ptd.net>
Message-ID: <31A47DAA.3264@prolog.ptd.net>
Source record: 200771

Thanks for reading this.
I am interested in buy a ic-27h but we don't know what is a fair price.
can anyone give us a ball park figure? it is working but not the
cleanest rig around.
many thanks,
fran

2785. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <832849574snz@microvst.demon.co.uk>
Source record: 200772
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <31A3B891.F26@interramp.com> ir002126@interramp.com "Ken Neal" writes:

> My question is a little different-- I have the MFJ-208 for VHF and
> the MFJ-247 for HF. Would I be gaining anything (other than a
> single unit) by selling these two and buying the MFJ-259?

I don't see the 247 in the current catalogue so I can't comment on that,
but I note that the 208 shows VSWR but not an antenna's resistance at
resonance. If you fancy knowing this, and it may be useful when say
fiddling with gamma matches for instance, then the 259 will add that one
feature. Unless you can get most of your money back from selling the
older instruments or you do this for a living, it may not be worthwhile.
Of course, if you've not been naughty, you might try asking Santa :-)

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2786. NEED: SCHEMATIC DIAGRAM FOR IC-Z1E"

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: xjanda@cs.felk.cvut.cz
Message-ID: <4o1gpf$5qq@ns.felk.cvut.cz>
Source record: 200773

Hi,
DOES ANYBODY HAVE SCHEMATIC DIAGRAM OF ICOM IC-Z1E OR IC-Z1A ?
MY IC-Z1E IS TOTALLY (REALLY) DEAD AND REPAIR WITHOUT SCHEMATIC
IS IMPOSSIBLE....

PLEASE HELP ME.....

E-mail: berucha@k332.feld.cvut.cz

73! from OK1XRF from Prague - Czech Republic

2787. Re: FT-10R Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4o1n95$1ep@nntpa.cb.att.com>
Source record: 200774

In article <CSLE87-2205960926330001@145.39.1.10>, CSLE87@email.mot.com says...
>
>As an amateur operator you should already be aware that use of non-FCC
>Type accepted equipment is NOT permitted on commercial channels.

Just who is going to find this person in violation? Certainly the FCC isn't going to be around to do so. Maybe someone with a vested interest in radio users being forced to purchase over-priced type-accepted radios would report them?

>Being found in violation of the rules could cost you your amateur license
>and your employer could lose his industrial radio license. This could
>mean that you'd also be looking for a new employer.
>--
>Karl Beckman, P.E. < If our English language is so >
>Motorola Private Data Systems < precise, why do you drive on the >
>Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
>(847) 576-0992 / (216) 265-2092
>** Opinions expressed here do NOT represent the views of Motorola Inc. **
>--
>Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

And it could also mean that you folks at Motorola don't make *quite* as much money. Maybe if companies like yours didn't charge so much for your handhelds, or if you make them so they are easily programmed in the amateur bands (instead of having to buy a rib, software, and edit archive files, etc), more would consider the purchase of a type accepted radio for both commercial and amateur use. I use a Motorola handheld for both public safety and amateur, but I got a really good deal on it and already had the capabilty to program it. If that wasn't the case, the <$300 ham alternative would be the way to go.

Preach the rules all you want, but the rule everyone follows is the rule of economics. Figure out a better alternative and people will listen to you.

Rob WB8WQA

2788. Re: Smith Charts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: mack@ncifcrf.gov
Message-ID: <DruzJ9.8v0@ncifcrf.gov>
Source record: 200775

In article <4nv6vk$8mi@jolt.pagesat.net> billr@pinsight.com (Bill Robinson) writes:
>billr@pinsight.com (Bill Robinson) wrote:
>
>>I have a box of Smith Charts that has never been opened. Original
>>price was $22.00 many years ago. If you pay $5.00 to cover gas and
>>the postage they're yours.
>
>These have been sold.
>
>Thanks, Bill
>
Smith charts are also avail in postscript format. I could look
them up if anyone wants them.

Joe NA3T
mack@ncifcrf.gov

2789. RE: Icom IC-T7A Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb48a2.3e2da060$05101dcc@gfiber.halcyon.com>
Source record: 200776

On Wednesday, May 22, 1996, John Chapman wrote...
> Bill Crocker (billc@mail.rust.net) wrote:
> : Anyone familar with the new ICOM IC-T7A Dual-Band H.T.?
>
> : Interested in undocumented features, extended receive frequency
coverage, etc.
> : Also, is the PC software available for it? If so, how does it work?
>
> : Thanks, Bill Crocker
>
>
> Must be some info out there. Please!
>
> John > jwc@juno.com <

Hold the Moni and band buttons while powering up the radio, wiat for at least 5 seconds before you release these buttons. Then press the band button and see what happens. You will be pleased.

Gary

2790. Re: Icom IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: jwc@col.hp.com
Message-ID: <4o1ook$n8t@nonews.col.hp.com>
Source record: 200777

I second the use of AA pack & one could use AA size rechargables and recharge with wall charger.

2791. Re: Icom IC-T7A Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4o1mrd$6hm@news.halcyon.com>
Source record: 200778

jwc@col.hp.com (John Chapman) wrote:

>Bill Crocker (billc@mail.rust.net) wrote:
>: Anyone familar with the new ICOM IC-T7A Dual-Band H.T.?

>: Interested in undocumented features, extended receive frequency coverage, etc.
>: Also, is the PC software available for it? If so, how does it work?

>: Thanks, Bill Crocker

> Must be some info out there. Please!

>John > jwc@juno.com <
Turn off the radio
press and hold the moni and band buttons
turn on the radio and continue to hold the moni and band buttons for 5
seconds
release these buttons and make several presses of the band button to
see what the radio will now cover.

Have you see RT Systems windows bases software or ICOMs dos bases
software for the T7A yet ? Both look real nice.

Gary

2792. Re: IC-706 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4o1mn2$6hm@news.halcyon.com>
Source record: 200779

C. A. La Varre <alavarre@amaranth.com> wrote:

>How to extend xmit to all bands on IC-706? Sources for mods?

>The IC-720 had a wire which when snipped allowed all band xmit.

>TIA,
>Andy La Varre
>**Presented by Galahad**
>http://www.perdido.com/business/t&ce.html
If your are in the United States the FCC is watching

PUBLIC NOTICE
FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET NW
WASHINGTON, D.C. 2055462882

News media information 202/418-0500.
Recorded listing of releases and texts 202/418-2222.

May 13, 1996

Extended Coverage High Frequency Transceivers

The purpose of this Public Notice is to clarify the
Commission's Rules regarding equipment
that is intended to operate in various radio services in the high
frequency radio spectrum, including
"10-Meter" Amateur Radio Service (ARS) equipment.

The Commission has noted that a number of transceivers imported
as ARS equipment are
also capable of transmitting and are being operated in nearby
frequency bands allocated to other
radio services such as the Private Land Mobile Radio Services,
Maritime Services, Auxiliary
Broadcast Services, International Broadcasting Services, the Citizens
Band Radio Service, and the
U.S. Government. Operation of this equipment causes interference to
the authorized users of
these frequencies. Some of these transceivers are capable of using
output powers or emission
types which are not permitted for the radio services listed above and
some are capable of
transmitting in the radio astronomy band where no two-way
radiocommunication is permitted.
Some manufacturers are promoting the sale of conversion kits, or have

designed their transceivers
such that they can easily be modified by the users, to extend the
operating frequency range into
the frequency bands listed above. In addition, so called "export"
radios which are deliberately
designed to facilitate this capability are also being imported and
marketed.

Manufacturers, importers, vendors and users of these
transceivers are reminded that
transmitters intended for operation on frequencies allocated to any of
the FCC authorized radio
services listed above, except the ARS, must be type accepted by the
Commission for the particular
radio service(s) in which they are intended to operate prior to their
importation, marketing or use.
The Commission considers that the transceivers discussed above are
intended to be operated on
frequencies where the use of type accepted equipment is required,
because of the simplicity of
modifying them to extend their operating frequency range.
Transmitters designed and intended for
use only in the ARS must comply with the applicable technical
standards contained in Part 97 of
the Commission's Rules but are not required to be type accepted.

It is a violation of the Commission's regulations to: (1) import
or market a transmitter that is
designed or intended to operate on frequencies outside of the ARS
bands, if it has not been issued
a grant of equipment authorization for the radio service(s) in which
the transmitter is capable of
operating; (2) import, market or operate a transmitter that requires a
grant of equipment
authorization but for which no grant has been issued; or, (3) transmit
on a frequency allocated to a
licensed radio service without the appropriate Commission-issued
station license. Violation of the
Commission's regulations will subject manufacturers, importers,
vendors and users of this
equipment to appropriate criminal penalties as provided for by federal
law(s), including fines and/or
imprisonment. In addition, the equipment described above can be
seized by, and forfeited to, the
government.

For further information concerning this Public Notice, contact
Gary Hendrickson at the FCC
Laboratory, 7435-A Oakland Mills Road, Columbia, Md. 21046, (301)
725-1585, Extension 223, or
E-mail: ghendric@fcc.gov.

2793. ICOM V21AT, mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <4o1p9a$nac@mrnews.mro.dec.com>
Source record: 200780

Looking for the 118-136MHz aircraft mod for the ICOM V21AT 144/220 HT

thanks,
Ken

2794. Fair Price for Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: rchappel@eag.unisysgsg.com
Message-ID: <4o1os8$d9d@email.eag.unisysgsg.com>
Source record: 200781

Need some advice and opinions. What is a fair price for a used Butternut HF5B antenna? Said antenna is 2 1/2 years old used for 13 months. Original cost at time of purchase approx $260.

Whad ya' think guys?

Bob Chappelear
KI0AS

2795. Re: ? firmware for PK232 MBX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <Drv284.GIB@mv.mv.com>
Source record: 200782

Just got new firmware V7.1 from AEA.

They can be reached at. 206-774-1722

They were very helpful and provided good backup support.

Richard Lubash
N1VXW
email rlubash@poco.mv.com

2796. Re: Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.SOL.3.91.960523095230.10032F-100000@qni.com>
Source record: 200783

D.W.
I have a short dummy load that gives VERY GOOD swr response accross the whole
2M band but it wont radiate worth Sh%T
You said it right YMMV on your last line :-)

On 21 May 1996, D.W.Hemphill KC5NG wrote:

> (snip)
> I really like the "hand tuned" antennas from Smiley Antenna Company,
> which are sold by AES and other dealers. I have compared theirs to
> the ones that come with various HTs (2m only) using my MFJ 249 SWR
> analyzer. The difference was shocking, in every single case! The
> Smiley antennas show minimum VSWR right where they belong, in the
> 2m band. In EVERY case, the antennas that came with the HT showed
> minimum VSWR somewhere above 150 MHz, and in some cases showed a
> reading of 5:1 in the 2m band! I've checked some Kenwood, Icom,
> Yaesu, and Alinco duckies (but only one or two of each). This is
> not a really "scientific" study, but it gets the point across. I
> will continue to use the Smiley antennas. BTW, the ones I use are
> a "shorty" and a "longie" (3" long, and about 9" long).
>
> YMMV...
> 73 de KC5NG
>
>
>

2797. WTB: DX-400

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: nostromo@io.com
Message-ID: <4o1v2g$ff6@xanadu.io.com>
Source record: 200784

I'm looking for someone with a DX-400 gathering dust who is willing to part with it for a reasonable amount. Email me if interested. Thanks!

Dan
nostromo@io.com

2798. Solo para EA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: Esteban Sanchis <esanchis@uv.es>
Message-ID: <4o1vpq$k7i@power.ci.uv.es>
Source record: 200785

No se si hay muchos EA leyendo esta lista, pero por si acaso alla voy:
quiero vender dos equipos de HF: un Icom IC730 y un Kenwood TS140. A buen precio
y en perfecto estado. Para mas informacion me podeis escribir a mi e-mail:
esanchis@uv.es.

Buenos DX y 73'

Esteban (EA5GMI)

2799. Re: Azden Service: Excellent!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: "Roger E. Koss" <kossr@edl1.ksc.nasa.gov>
Message-ID: <4o20o9$1ql@niven.ksc.nasa.gov>
Source record: 200786

Azden Service Department is also super by me. I bought a PCS-7000 USED from another ham and the Power switch suddenly went out. Lew told me they would fix it anyway at N/C because it was a flaw that never should have left the factory. While they were at it, they also repaired the display at no charge as well. This to me was customer service at it's best ! You can bet that for my next rig, I am going to look at Azden first!

2800. Re: FT900 reliable?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: psikes@whidbey.net
Message-ID: <4o223u$9nu@news.whidbey.com>
Source record: 200787

charles1@netcom.com (charles copeland) wrote:

>I've been pondering what HF moobile to purchase. The Yeasu FT900
>looks best, but two hams in my area have had to send their
>FT900 in for repair multiple times.

>Are FT900's reliable?

Have had my FT900 for a little over a year now and love it. It did
break once after about 2 weeks of use. Other than that no problems and
much good DX. I would buy it again. Just make sure you get the
accessory filters.

73
Phil

2801. Re: ** Yaesu FT-50R handheld dual-band problem!!!! Read this **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: Rod Thompson <rts@mail.ro.com>
Message-ID: <4o22lj$s2n@news.ro.com>
Source record: 200788

The pll unlocks below 72MHz no matter how it is configured. Hardware or Software.

2802. ft-50r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: Michael M Long <longmim@mail.auburn.edu>
Message-ID: <Pine.SOL.3.91.960523085618.18480A-100000@mallard.duc.auburn.edu>
Source record: 200789

Hello everyone, I just recently purchased an FT-54r and am so far very happy with it. However, I think I have a problem with the beep function. The beeps soudn VERY distorted through the speaker. Has anyone else had this problem? I can turn the volume down to the point where I can barely hear them, then they sound fine. Anyone have this problem?
michael long

"The World is an illusion created by a conspiracy of our senses."

-Roger Penrose

2803. Re: Tubes Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: kc5egg@ix.netcom.com
Message-ID: <4o20h4$euh@dfw-ixnews3.ix.netcom.com>
Source record: 200790

In <Drp54A.4u5@news.hawaii.edu> jherman@Hawaii.Edu (Jeffrey Herman)
writes:
>
>Okay, I have sinned. I posted a WTB ad for tubes on .equipment and
rcvd
>the following from Mr. Anonymous. I don't mind getting a scolding and
>a copy of the charter, but why fear providing your real name and
address?
>Your message carries absolutely no weight without a name attached.
>Which is a worse violation: My WTB or your anonymous note?
>
>Jeff KH2PZ
>
>Snip

Mark the date and time kids I am going to stick up for Jeff Herman.

Jeff I don't think you sinned. You were looking for older parts of
interest to a small subset of the hobby. If the holder of these parts
was not actively trying to sell it is unlikely he would be reading
rec.radio.swap by broadening the area of your request to equipment you
reach a larger number of folks who might have what you need. The
flamers seem to be some sort of control types who snipe from the
anonymous servers.

When seeking older parts it would seem that both .equipment and
homebrew would be places to make a connection. I am not advocating
turning either of these groups into swap nets but for the older and
more arcane stuff particularly parts and pieces it seems these are
logical meeting places. If it really offends to say the words "buy or
"sell" we could phrase it, "does anyone know where I can get ...".
Most of us are intelegent enough to figure out how to email to the
poster if we have such items we would part with.

--... ...-- Jerry KK5YY nee KC5EGG

2804. Re: Ham-Equip Digest V96 #391

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: knyuen@pica.army.mil
Message-ID: <1a46a8e0@pica.army.mil>
Source record: 200791

Ham-Equip Digest Wed, 22 May 96 Volume 96 : Issue 391

Today's Topics:
AEA vs. the CUSTOMER!
Antenna Analysers
FT-1000 Expert Needed!!
FT-480R
FT480R (2 msgs)
FT50-R Yaesu: NO FIX (2 msgs)
ft50 / ic7
Help - Dentron Ant Tuner Manual
Help with KLM 160 W 2-meter Amp
IC-27H PRICE??
ICOM 27H owners manual NEEDED!
Icom IC-Z1A
Need Motorola programing software
Parts for Amp Supply LK500zb
Problem with TS-520S (2 msgs)
Re. 12-24 HR LED Clock Display
Req. for Mods: Alinco DJ-G5T, Kenwood TM-742
Rubber Ducky Comparisons??
Smith Charts

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 19 May 1996 07:11:11 GMT
From: jdonimi@nv2.uswnvg.com (Jeremy A. Donimirski)
Subject: AEA vs. the CUSTOMER!

Dino Darling (dinod@deltanet.com) wrote:
: In article <4n142t$16p@newsbf02.news.aol.com>, parf@aol.com says...
: >
: >I own the MFJ and aside from recalibrating the resistance meter it has
: >been fine. I also owned the AEA VHF/UHF meter. They don't tell you that
: >the accessory software will NOT allow the meter to be run via a computer
: >(HF meter will). I also am fortunate to own an HP8711B network analyzer

: >and using its standards ($680 a set) showed that the AEA indicated 1:1
: >VSWR when the load was close to 75 Ohms- 50 Ohms indicated about 1.4:1.
: >VHF was better but still 1:1 was above 50 Ohms. When I called AEA to
: >discuss this I was told "that's about the accuracy you should expect for a
: >$400 instrument- I sold it at the next flea market.
: >
: >73, Dale WA2YPY

: I am not surprised to see this reply from Dale. AEA has always been HORIBLE
: when dealing with its customers! I sold ALL of my AEA equipment and now own
: Kantronics due to their lack of customer relations. Even if the AEA
: analizer was better, I would NOT buy it! Why should I, I would only get the
: "accuracy" of a $400.00 instrument. I can get that from an MFJ at HALF the
: price. AEA is a sad company...its really too bad.

: Dino Darling KC6RIX
: dinod@deltanet.com

I understand that Rod Proctor, the president of AEA was recently

replaced by Mike Lamb, the guy who started the company in the first

place. Since I heard from someone who knows that Proctor liked to

fire the competent people from the Mike Lamb days and replace them

with less experienced people, maybe Mike's return is a sign that the

above problems will go away. I sure hope so!

Jeremy WA7YGB

e

Date: Wed, 22 May 96 11:47:57 GMT
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Subject: Antenna Analysers

In article <831505842snz@microvst.demon.co.uk>
tgold@microvst.demon.co.uk "Anthony R. Gold" writes:

> I know this one was discussed thoroughly before, but I had less interest at
> that time and so I wasn't taking notes. Could I hear any views on the
> comparative advantages of the AEA and MFJ analysers in terms of accuracy,
> versatility and features. I am interested in both MF/HF and VHF, but I am
> willing to consider separate units for the different band ranges.

Thanks to all who answered here and by email. I am now a satisfied owner
of an MFJ-259. Seems pretty accurate and goes from Top Band to 2m in 1
unit. Jeff Welch on the MFJ booth at Dayton showed me the unit and then
pointed me to a nearby dealer's booth where it was being sold for $60 off
list. He also said he would help if I needed any help in alignment. Top
notch!

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

Date: 22 May 1996 11:29:16 -0400
From: rval58@aol.com (Rval58)
Subject: FT-1000 Expert Needed!!

Thank you guys, for the replies! With no tech manual, I didn't want to
turn one of those "you can only make it worse pots". I will give these
ideas a try. Thanks again,
Rick N1SQJ

Date: 23 May 96 02:40:34 GMT
From: jrayol@manaus.pegasus.COM.BR (Jefferson Rayol)
Subject: FT-480R

Hello Friend
Can someone help me with mods for the Yaesu FT480R multi-mode radio?
Thanks for anything...
73's

jrayol@manaus.pegasus.com.br

Date: 22 May 96 23:29:03 GMT
From: jrayol@manaus.pegasus.COM.BR (Jefferson Rayol)
Subject: FT480R

Hello Friend
Can someone help me with mods for the Yaesu FT480R multi-mode radio?
Thanks for anything...
73's

jrayol@manaus.pegasus.com.br

Date: 23 May 96 02:53:00 GMT
From: jrayol@manaus.pegasus.COM.BR (Jefferson Rayol)
Subject: FT480R

Hello Friend
Can someone help me with mods for the Yaesu FT480R multi-mode radio?
Thanks for anything...
73's

jrayol@manaus.pegasus.com.br

Date: Wed, 22 May 1996 03:08:57 GMT
From: dddavis@atl.mindspring.com (Donald D. Davis, Jr.)
Subject: FT50-R Yaesu: NO FIX

I agree with the folks who posted that advertised features should work as advertised, and the wide FM receive does not. I still like the radio but I'm wondering...

If it really is a matter of replacing a filter, wouldn't this be an opportunity for some hardware mod guy? I'd be more likely to pay for a mod like that than $100 to have a solder bridge opened for wide band receive or something. I have not found any compelling evidence that a 75 KHz filter is larger than a 25 KHz filter. In fact, I would think the opposite - a tighter filter may have more components. Just think, by this argument a VERY wideband filter would be exceedingly large - or maybe just a wire :-) . I'm not suggesting that a wire should be used to bypass the filter, but that a wider filter may be very possible. Of course, it's easier to talk about it than to do it. Any hardware mod folks want to take on this challenge?

Date: Wed, 22 May 1996 08:31:38 -0400
From: Jerry Hogsett <jerry@hogsett.com>
Subject: FT50-R Yaesu: NO FIX

Donald D. Davis, Jr. wrote:
>
> I agree with the folks who posted that advertised features should work
> as advertised, and the wide FM receive does not. I still like the
> radio but I'm wondering...
>
> If it really is a matter of replacing a filter, wouldn't this be an
> opportunity for some hardware mod guy? I'd be more likely to pay for a
> mod like that than $100 to have a solder bridge opened for wide band
> receive or something. I have not found any compelling evidence that a
> 75 KHz filter is larger than a 25 KHz filter. In fact, I would think
> the opposite - a tighter filter may have more components. Just think,
> by this argument a VERY wideband filter would be exceedingly large -
> or maybe just a wire :-) . I'm not suggesting that a wire should be
> used to bypass the filter, but that a wider filter may be very
> possible. Of course, it's easier to talk about it than to do it. Any
> hardware mod folks want to take on this challenge?

The technical supplement finally came, and there's no evidence of a discrete 25 KHz or 75 KHz filter. I not so good with analog circuits, but it appears that the Wide-FM switch single just switches in/out some RC components. Seems like these would be easy to modify. I suppose I could scan the schematic and post it if anyone's interested.

--
+---

| Jerry Hogsett (home) jerry@hogsett.com |
| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
| (500)-G-HOGSETT http://www.hogsett.com |
----------+

Date: 21 May 1996 16:03:17 -0400
From: joel@cfc.com (Joel Lessenberry)
Subject: ft50 / ic7

A week or so ago I posted an article about the ft50r and the
icom ic 7. So far I have had glorious reports on the ft50,

But know one with an ic 7 answered...

Anyone care to defend their rig?

joel

Date: Wed, 22 May 1996 12:18:07 GMT
From: francer@usa1.com (francer@usa1.com)
Subject: Help - Dentron Ant Tuner Manual

--
--

Date: Wed, 22 May 1996 10:02:52 -0700
From: Mel Dixon <MELD@mimi.itg.ti.com>
Subject: Help with KLM 160 W 2-meter Amp

I recently purchased a KLM 160-watt 2-meter amplifier, unfortunately I
didn't get any paperwork with it. I need a copy of the schematic and
tuning procedure if possible. Or, does anyone know how to tune one for
maximum output that can tell me how here??? I could only see two pots
that were adjustable. Would like to set it for the 146.52 direct section
of the bank. Also noted a rear panel adjustment...What is that for???
Mel Dixon ..MELD@dlep1.itg.ti.com

Date: Wed, 22 May 1996 20:21:22 -0700
From: fran piraino <franbarb@prolog.ptd.net>
Subject: IC-27H PRICE??

CAN ANYONE TELL ME WHAT A 27H MIGHT BE WORTH?
NOT THE CLEANEST BUT IT DOES WORK OK.
MANY THANKS. FRANBARB@PROLOG.NET

Date: Tue, 21 May 1996 17:22:24 -0700
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Subject: ICOM 27H owners manual NEEDED!

Hi,

I sold my Icom 27H 2 meter transceiver at Dayton. I forgot the owners manual (bringing a manual for the TM-201B instead) and promised the buyer that I'd send a manual once I found it.

I have searched and can not locate the 27H manual! I'd like to send a manual to the buyer -- so does anyone have an extra manual or copy thereof? I'll pay photo-copy costs and postage.

Thanks, Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

Date: Wed, 22 May 1996 18:42:23 -0700
From: "Kenneth I. Rotker" <ken@pe.net>
Subject: Icom IC-Z1A

I just bought a Z1A and I would like some advice on a back-up battery pack (the rig comes with a BP180). What pack do you recommend? Who sells it? Cost? (a big factor). Whatever you recommend must be capable of being charged by the standard Icom wall charger that comes with the rig. Any imput will be appreciated. Tnx.

Ken, W4OFE
ken@pe.net

Date: 22 May 1996 21:56:41 GMT
From: dennism@cache.net (Eric)
Subject: Need Motorola programing software

Does anyone have programing software for Motorola radios. I bought some radios and I need to program them.

73 de KC7BDT

Date: Wed, 22 May 96 14:08:39 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: Parts for Amp Supply LK500zb

Post / CC by Mail

gregg@plains.nodak.edu (Joe Gregg) wrote:

>I need the plate capacitor for my LK500ZB amp. Does anyone know
>anything about the Amp Supply Co. or where to find parts? I don't
>think this variable is anything odd or custom made, so probably I
>just need to find one of the right physical size and value. It is a
>250pf variable, but I'll have to measure it to find the physical
>size.

Is the capacitor actually defective? The Tune capacitor used to arc
occasionally in the amp that I own (before I fixed the problem),
but there was no permanent damage.

>What would make something like this arc over? I had no indication
>of trouble before the bzzzzzzt yesterday morning.

One of the things that can cause this is the T/R relay. If the
relay applies drive before it connects the load to the amplifier,
or if the contacts that connect the load are not in good condition,
the RF voltage at the input to the Pi-net can skyrocket. Depending
on the exact nature of the problem, this may occur only when the
amplifier is initially switched.

Another possibility is that the amplifier is oscillating, although
that seems unlikely if you haven't experienced problems until now.
This problem might also be caused by spurious signals in the output
of the driver.

73,
Jack WB3U

Date: Tue, 21 May 1996 17:33:01 -0700
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Subject: Problem with TS-520S

I bought a TS-520S via the internet a few weeks ago. The
rig is in fair shape cosmetically (which the buyer pointed out)
but, the buyer did not warn me that the rig has a problem electrically.
Here's the problem:

In CW mode (and TUNE MODE) the CW crystal does not work. It seems
on CW the rig is entirely dead -- no RX audio, no TX, no sidetone.
There is no CW FILTER installed, and the brown jumper is wired
properly to the SSB jumper post near the SSB filter. Normally, one
would turn on the HV, mode setting to TUNE, meter to ALC and then
hunt for a meter peak while rotating the DRIVE control. I get zero
drive on the TUNE setting, same goes for the CW setting. Zip...no TX,
no RX.

On SSB (usb and lsb) the rig is fine. Using audio input, I can
tune the rig to the stated 100W pep output, getting proper drive, and
dipping the plate and peaking the grid via the load controls. It also
receives normally.

Problem: I only use CW! So, I have a worthless rig at this
point. I have little access to parts/tools, but some advice
on where to start would be helpful. I DO have a service
manual but it doesn to go into any depth on this. Can anyone
send me email and we can try to troubleshoot this together?

I have some ideas -- perhaps the 3.395 crystal is bad. I tried
tweaking the small cap near the 3.395 crystal, but no luck getting
things to work. Anyone experience this with a 520S before?

Thanks! Joe

--

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

Date: Tue, 21 May 1996 17:45:01 -0700
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Subject: Problem with TS-520S

Joe Fitter BV/N0IAT wrote:
>
> I bought a TS-520S via the internet a few weeks ago. The
> rig is in fair shape cosmetically (which the buyer pointed out)
> but, the buyer did not warn me that the rig has a problem electrically.
> Here's the problem:

Uhhh....I think I meant the SELLER didnt point out..blah blah blah...

sorry, Joe

Date: 22 May 1996 21:56:44 GMT
From: rxbobxr@globalone.net (bob rx)
Subject: Re. 12-24 HR LED Clock Display

hi name is bob --wb2flx-- have heard there is a way to change a 12 hr display
LED clock to 24 HR --
anyone know how -- thanks for the help?? bob wb2flx

Date: Wed, 22 May 1996 09:10:28 -0400
From: CSLE87@email.mot.com (Karl Beckman)
Subject: Req. for Mods: Alinco DJ-G5T, Kenwood TM-742

In article <kendall-2105961528580001@kendall.enable-sgctr.vt.edu>,
kendall@vt.edu (Gary F. Kendall) wrote:

> Is anyone aware of any other mods for the DJ-G5T besides the "cut the blue
> wire" for extended TX? I recently learned that the European version can
> be modified for 800 MHz RX but it supposedly has a different chip set in
> it. I've scrounged cyber-space without much luck.
>
> Also, a friend of mine just bought a TM-742 at Dayton; he is trying to
> modify the 6m section for TX down to 45 MHz. He's been able to tune it
> down to 46, which is close, but not close enough... Has anyone succeeded
> with a similar mod?
>
> Any info would be appreciated. Thanks much!
>
> -- Gary KB4GCF
>
> --
> Gary F. Kendall, Programmer/Analyst kendall@vt.edu
> Project ENABLE -- the Administrative Systems Initiative
> Virginia Tech

I would assume that your friend is a ham also, and that he already knows
that using a non FCC Type-accepted transmitter on Part 90 freqs is
illegal.

--
Karl Beckman, P.E. < If our English language is so >
Motorola Pvt Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

Date: 21 May 96 22:51:40 GMT
From: amirault@laraby.tiac.net (Richard Amirault)
Subject: Rubber Ducky Comparisons??

klausner@crl.com (Ben Klausner) writes:

> I look at things like the "Miracle Baby", and have to agree with the guy at
> the Ham Store that "Baby, it would be a miracle if it worked." At least
> that's the intuitive response looking at it.

I have one (somewhere, I lost it around the house someplace), but it all
depends *what* you want to do with your antenna!

There is no ONE "best" antenna, because the "best" antenna is the antenna
that does the job *you* need it to do better than any other antenna.

I can certainly imagine an instance where the Comet Miracle Baby would be
the *best* antenna to use. Where you have a short range (or somewhat longer
'line-of-sight' range) and don't want the extended 'stick' of a rubber
duckie getting caught on anything (ie. tower climing, hang-gliding to

name 2 off hand)

And then, later on that same day another antenna (like the fine Diamond RH-77) could also be the "best" antenna for a different set of circumstances.

The antenna with the most gain does NOT automatically make it the "best" antenna, unless *thats* what you want from an antenna but remember if you get X dB gain from and antenna thats (say) 6" long, you might get 2xX dB gain from a 12" long antenna, and even more from a 24" antenna or a 48" antenna, and so on

Even the most die hard gain fan will draw the line somewhere. (hey, it's too long!)

Off my soap box now...73
--
Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

Date: Wed, 22 May 1996 10:37:14 GMT
From: billr@pinsight.com (Bill Robinson)
Subject: Smith Charts

billr@pinsight.com (Bill Robinson) wrote:

>I have a box of Smith Charts that has never been opened. Original
>price was $22.00 many years ago. If you pay $5.00 to cover gas and
>the postage they're yours.

These have been sold.

Thanks, Bill

End of Ham-Equip Digest V96 #391
****

2805. Re: Needing Kenwood 7625 PA Module

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4o278g$1j3@mksrv1.dseg.ti.com>
Source record: 200792

(snip)
>I am in need of a 7625 "brick".
(snip)
>Does anyone know where one might buy one?
(snip)

Unfortunately, the "bricks" for the Kenwood TR-7600 and TR-7625
are no longer available, and there is no direct substitute for
either of them. (I own a TR-7600 and I've researched this)

I have the TR-7600 and TR-7626 service manuals, if you need to
borrow them to try to sub some other brick.

73 de KC5NG (dean)

2806. Re: Needing Kenwood 7625 PA Module

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4o27aq$1j3@mksrv1.dseg.ti.com>
Source record: 200793

(snip)
>Try RF parts in San Marcos CA. 1-800-737-2787

RF Parts Company does not carry this part.
It is no longer available, and has not been for many years.

2807. Ham Burger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: redbone@juno.COM
Message-ID: <19960523.134049.9439.0.redbone@juno.com>
Source record: 200794

Mr. Ham Burger is not sending flames. He/She is sending flame-bait.

Gee, you didn't fall for that old ploy, did you?

Doug
KC8CGX

2808. IC 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: fritz@erinet.com
Message-ID: <fritz.5.00153C49@erinet.com>
Source record: 200795

I am looking for a good 2m/6m mobile antenna. Any suggestions?

Fritz

2809. Re: IC 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: jwc@col.hp.com
Message-ID: <4o2ek1$1u6@nonews.col.hp.com>
Source record: 200796

fritz@erinet.com wrote:
: I am looking for a good 2m/6m mobile antenna. Any suggestions?

: Fritz

I understand that a properly tuned 2 meter 5/8 ant works well on 6 also.
I was was going to try it as soon as I get my 706. too bad that 2 & 6 are on
separate outputs connectors.

John, N0KIC

2810. DFjr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: mcinnis@austin.ibm.com
Message-ID: <4o2irf$2758@ausnews.austin.ibm.com>
Source record: 200797

Has anyone bought the new DFjr direction finder and used it yet?
It sounds great, but I'm waiting to hear from other satisfied customers
before I buy. If you did get one, was it a beta test unit or regular
production?

And if you want to know what a DFjr is, try

http://home.navisoft.com/agrelo/page20.htm
--
Mickey McInnis - mcinnis@austin.ibm.com
--
All opinions expressed are my own opinions, not my company's opinions.

2811. Panasonic RF-2200 Schematic ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: wislocki@ct.picker.com
Message-ID: <wislocki.2.31A4C29E@ct.picker.com>
Source record: 200798

A few weeks ago I noticed that somebody purchased an RF-2200 Panasonic shortwave radio on the swap list. I have one and it has been broken for several years. I have tried to get a schematic from the supplier and looked to Sam's manuals with no luck. Anybody have a schematic or a suggestion on where I could locate one.

Thanks

Nick W8XD

2812. Re: FT900 reliable?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4o2ohl$df6@comet.connix.com>
Source record: 200799

charles1@netcom.com (charles copeland) wrote:

>I've been pondering what HF moobile to purchase. The Yeasu FT900
>looks best, but two hams in my area have had to send their
>FT900 in for repair multiple times.

>Are FT900's reliable?

I've had mine for 1 year + ... no problems to report, I love it! I
use it mobile and have had it in the shack ... I'd be interested in
what sort of problems these other fellas had ... 73

2813. Re: Standard 5718 experiences

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: k1jc@empire.net
Message-ID: <k1jc-2305961401520001@nash1-ppp2.empire.net>
Source record: 200800

In article <4nv8se$dv4@news.cc.oberlin.edu>, pruth@alpha.cc.oberlin.edu wrote:

> I picked up a new Standard 5718 at the Hamvention and put it in
> the car. A friend told me after the fact that I made a mistake,
> that the control mike on this rig gets lots of problems down the
> road, particularly with the buttons going bad. Is this true?
> So far, the only problem I've encountered is ripping and peeling
> of the thin rubber membrane covering the mike. I wonder if there's
> an easy repair for that, too. I tried getting on to Standard's
> homepage but it doesn't seem to work now. Any war stories and
> advice will be greatly appreciated. 73 de Bill KB8USZ
> pruth@alpha.cc.oberlin.edu

I've had one since they first came out. The early models had PLL problems.
Standard replaced the unit free of charge with no hassles. I have had no
problems at all with the mic. I suspect if you call standard on the phone
they would help. The unit has operated flawlessly since the replacement.

73, Joe

2814. Biconical antenna design?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: akent@bga.com
Message-ID: <4o30hg$lr4@news3.realtime.net>
Source record: 200801

I have a spectrum analyzer that needs a biconical antenna. Is there a book, or howto somewhere, on how to build an accurate one for a meager amount?

Thanks
Kent

2815. Spectum analyzer HF probes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: akent@bga.com
Message-ID: <4o30mu$lr4@news3.realtime.net>
Source record: 200802

What is a good high frequency probe to use with a spectrum analyzer?
The hoped for frequency range is up to 500mhz.
I would rather not pay $2500 for HP's probe, and the surplus dealers
that I have contacted don't have any suitable probes.

Any thoughts?

Thanks
Kent

2816. Key belonging to owner of Vibroplex Co. stolen at Dayton

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Drvq8v.M1w@news.hawaii.edu>
Source record: 200803

Mitch, WA4OSR, owner of Vibroplex Company, gave me permission to post the
following. Let's please get his bug returned to him.

Jeff KH2PZ

==========

From: Mitch, WA4OSR <wa4osr@cris.com>

stolen at dayton from the vibroplex booth, an elaborately engraved vibroplex
square brass racer, serial number 101000, with 'Mitch"
engraved on the top of the vertical block... the key is gold plated, and is
obviously very unique... anyone who has any information about
the key please contact me at the address below... no questions asked... i
just want my key back...
mitch
wa4osr
------------ * * * The oldest company in ham radio! * * *----------
Felton "Mitch" Mitchell The Vibroplex Co., Inc.
wa4osr@cris.com 11 Midtown Park, E.
334-478-8873, FAX 334-476-0465 Mobile, AL 36606-4141

2817. Re: Help: No Bias; TS-520s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: "Paul L. Schmidt" <paul@k9ps-1.ampr.org>
Message-ID: <199605232328.SAA03179@k9ps-1.ampr.org>
Source record: 200804

In article <4nqha4$ot8@service-2.agate.net> ns1z@agate.net wrote:

: Hmmm?? I would be interested in this information also as our club
: purchased a TS-520 which originally worked well but now the idle
: current is 180 mA in LSB and >200 in USB. Not really up on this
: "hollow state" stuff so any help is GREATLY appreciated. Thanks

I'd check the carrier null on this one -- since it's idling that
high AND it's different between USB and LSB, it may not be just
DC bias that's off. See if there's a lot of RF with no audio.
You might also want to check to see that the frequency of the
carrier oscillator is set to fall on the slope of the crystal
filter correctly while you're at it.

--
Paul Schmidt <PSchmidt@Viaduct.Custom.Net> Bloomfield, IN USA
Amateur Radio K9PS Public PGP key available @ MIT server
ARRL Life Member fingerprint: 24 9F D3 BD AE E3 50 72
QCWA Life Member 26711 23 AB A0 64 BB 9E 2B 8D

2818. IC-2710H Mods are in this msg

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-23 00:00:00 UTC
From: Rick Gilligan <rgilliga@case.net>
Message-ID: <Pine.SOL.3.93.960523141127.26197B-100000@spork.callamer.com>
Source record: 200805

Hot from ICOM this afternoon via FAX are the following mods for the
IC-2710H (I included any possible typos, you interpret it...):

==========

Expand frequency for USA version.

Notice: We can not guarantee specification when expand frequency.

How to expand frequency range.

Receive frequency only. (Three modification methods)
-USA version already expand VHF band.

-All frequency.
1) Cut the W18 jumper wire on MAIN unit.
-300 / 800 MHz band only.
1) Remove the D134 diode on MAIN unit.
(Do not cut W18 jumper wire)
-UHF band only.
1) Remove the D132 diode on MAIN unit.
(Do not cut W18 jumper wire)

-Receive freqency range.
118.000MHz - 135.995Mhz (AM / FM) Selectable mode.
138.000Mhz - 174.000MHz
320.000MHz - 399.995MHz (FM / AM) Selectable mode.
400.000MHz - 479.000MHz
849.000MHz - 869.000MHz / 894.000MHz - 850.000MHz
Note. Can not receive frequency between 869.000MHz to 894.000MHz.

-How to switch AM and FM receive mode.
1) Select AIR band or 320MHz band.
2) Push [MONI] key at more than 1 sec.
When select AM mode. Indicate '<' or '>' mark on display.

==========

Cross band repeater system.

How to set the cross band repeater system.

1) Cut the D139 diode on MAIN unit.
(Not necessary cut diode on USA version)
2) Set desire frequency on both band.
It is also selecable TONE frequency and frequency offset.
3) Push [VHF] and [UHF] main knob + [SET] key at same time.
When set the cross band repeater mode, Indicate 'L' display

at memory ch.

Note. It is selecable no hang up time repeate function.
Push [VHF] main dial knob + [UHF] main dial knob + [SET] key
+ [LOW] key at same time.

Caution: When you set para watech mode or cross set frequency.
Can not set cross band repeater mode.

How to release cross band repeater mode.

-Push [SET] key at more than 1 sec.

(following that was a circuit board layout showing the location of D139
as a leaded diode (non-surface mount) directly above the 'R' of the 'R440'
label and it is the left-most diode when you can read the 'R440' normal
side up.

==========

I have not yet tested these mods on my new radio. I will tonight... and
post any bad results here on rec.radio.amateur.equipment.

73.

Rick Gilligan
N6NL

E-mail: rgilliga@case.net

2819. C-528a Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: netsvic@ipoline.com
Message-ID: <4o2mqb$10gg@ipo.ipoline.com>
Source record: 200806

I have a Standard C528 , can it be mods?? I hope some one can tell me,
Thank You
SDU

2820. Re: ic-706 antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: cn2304@coastalnet.com
Message-ID: <4o2vme$1rv@treasure.coastalnet.com>
Source record: 200807

In article <318FEC00.64D1@earthlink.net>
"David H. Malin" <aa6rv@earthlink.net> wrote:

> cn2304@coastalnet.com wrote:
>>
>> I wanted to pass along, if you use your 706 mobile with a Larsen 5/8 wave on VHF (2M) and
>> run the high power on 6M (hamstick), with only a couple feet separating them on the roof of
a
>> vehicle you can induce over 20 watts of power into your VHF antenna jack, this promptly
>> smokes D6 filter switching diode. The Larsen 5/8 is close to resonance for 6M and does a fair
>> job of coupling the 6M power into the 2M antenna jack . I tested a simple 1/4 wave and the
>> pickup was very low, way below half watt. Of course ICOM graciously repaired mine, after that
>> boneheaded stunt, under warrantee and returned it 2nd Day UPS.
>>
>> Thought I should pass this along lest anyone else unsuspectedly gets that odor of "cooked
>> diode" permeating the inside of your vehicle
>
> Hi Dick,
>
> Did you by chance use a Duplexer? That might have saved you that little problem.
>
> 73's Dave
>
Hi Dave

Well Dayton yielded some interesting info, I was reminded that if I used an antenna that has a
limited 2M bandwidth this problem goes away. I bought a hamstick for two meters, it gives the performance over a simple 1/4 wave but the 6M power pickup was greatly reduce, well below a half watt. So I put back my 6M hamstick and used the newer 2 M hamstick. Unfortunately I get feedback on some freqs in the other 2M radio and the 11 M radio on certain
freqs but I can deal with that. Thanks for the info and 73's dave.

Dick Wb7ond

2821. Ten-Tec Corsair I vs. Corsair II question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4o38q6$v90@pulp.ucs.ualberta.ca>
Source record: 200808

Hello,
I was flipping through some old QSTs today, and as usual I have come up with some questions. In the October 1983 edition, the original Corsair is advertised by Ten-Tec with a dynamic range in excess of 90db, and with a third order intercept of +5dbm with preamp, and +18dbm without. This measured at 20KHz spacing. This seems really impressive. I could not find an independent review of the rig, but compared these figures to the 1987 QST review of the Corsair II. It shows that the Corsair II exhibited a dynamic range of about 84db, and a third order intercept of -1 dbm at best. This was also measured at 20KHz spacing. Does this suggest that the Corsair II was a step backward as far as dynamic range characteristics are concerned, or are the original Ten-Tec specs exaggerated? Just curious about this discrepancy. Have the Corsair owners noticed any RX performance difference between these two rigs?
As always, thanks for your expertise.
Chris VE6RDC

2822. Programming Software for Ft-530 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: cstimson@hookup.net
Message-ID: <4o3au7$fae@loki.tor.hookup.net>
Source record: 200809

I've been following the thread regarding ADMS software for the Yaesu FT-50 which has prompted me to ask the question about the FT-530. I understand there is presently nothing available but does anybody know if there may be anything in the works? I guess since the FT-530 is an old model now there may be no interest on the part of Yaesu however there still is a lot of dealers selling them an a lot of users who would be interested. It sure would come in handy to manage the memory locations.

Since the FT-530 does have some sort of digital (?) communication on the mic and/or speaker connections for the MH-29 & cloning capabilities it would seem possible.

Comments anyone??

73
Craig
++
+ Craig Stimson +
+ E-mail: cstimson@hookup.net +
+ AX.25 : VA3DCS@VE3ZRD.#SCON.ON.CA.NA +
++

2823. STOLEN:RADIO SHACK HTX202 IN NATCHEZ, MS on 951226

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: wonderly@vt.edu
Message-ID: <4o3e4k$jm1@solaris.cc.vt.edu>
Source record: 200810

HTX202 was missing sm. flexible antenna when taken. It had a cartop antenna[mfg. Valor] attached.

Please email or Ph me @ evenings (540)382-8830

2824. What tone is used to access 10m FM repeaters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: mc@shore.net
Message-ID: <4o3jpl$cbp@northshore.shore.net>
Source record: 200811

I just returned from the Dayton Hamvention and an Icom IC-706 followed me home. I have not yet removed this technological marvel from its plastic protective bag and am trying to understand the manual. Boy - what a box!

It has been some time since I played around on 10M FM and cannot recall the tone frequency generally used to access 10M FM repeaters. Since the sunspot cycle will soon be increasing I am curious to know if this IC-706 will be able to work 10M FM repeaters. Can anyone confirm this tone frequency?

Tnx es 73,

Michael Crestohl, KH6KD/W1
mc@shore.net

2825. Re: Programming Software for Ft-530 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: Rod Thompson <rts@mail.ro.com>
Message-ID: <4o3m9c$7ba@news.ro.com>
Source record: 200862

cstimson@hookup.net (Craig Stimson) wrote:
>I've been following the thread regarding ADMS software for the Yaesu
>FT-50 which has prompted me to ask the question about the FT-530. I
>understand there is presently nothing available but does anybody know
>if there may be anything in the works? I guess since the FT-530 is an
>old model now there may be no interest on the part of Yaesu however
>there still is a lot of dealers selling them an a lot of users who
>would be interested. It sure would come in handy to manage the memory
>locations.
>
>Since the FT-530 does have some sort of digital (?) communication on
>the mic and/or speaker connections for the MH-29 & cloning
>capabilities it would seem possible.
>
>Comments anyone??
>

The FT-530 does not contain the software routines in the radio itself to allow for cloning. The schematic does show a pin on the microprocessor label "clone" but Yaesu eliminated that feature but the first radio was sold.

2826. Re: Spectum analyzer HF probes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <832926420snz@microvst.demon.co.uk>
Source record: 200863

In article <4o30mu$lr4@news3.realtime.net>
akent@bga.com "Kent Farnsworth" writes:

> What is a good high frequency probe to use with a spectrum analyzer?
> The hoped for frequency range is up to 500mhz.
> I would rather not pay $2500 for HP's probe, and the surplus dealers
> that I have contacted don't have any suitable probes.
>
> Any thoughts?

What equipment do you have and what is your application? My analysers
have 50 ohm coax inputs rated to about 1 watt max and no probes are used.
Sometimes I plug in a short whip antenna to see what's around, just for
fun, but mostly I'm looking at stuff I'm generating locally such as my
transmission monitoring, checking out sig-gen's and oscillators, etc.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2827. Re: ft-50r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: GHVZ65D@prodigy.com
Message-ID: <4o43q7$fhk@usenetz1.news.prodigy.com>
Source record: 200864

Mike,

I recently found the same problem with my Yaesu FT-50R, that the keypad beeps sounded very distorted at higher volume levels. So I just turned off the beeping, by pushing the knob in and selecting "BEEP".

Josh, N3XGR

2828. Re: IC-706 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: mc@shore.net
Message-ID: <4o426j$ib4@northshore.shore.net>
Source record: 200865

From what I have read the "yellow wire" mod is to improve RECEPTION on the VHF portion of the IC-706's coverage, not add general coverage transmit capabilities. I have not performed either mod and do not plan to do them as I have no need for out-of-band transmit and an excellent scanner that covers VHF and UHF. These mods would most likely invalidate the warranty.

I bought the IC-706 for mobile HF - but boatanchors are my main interest!

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

2829. Re: Smith Charts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4o4a0q$11s5@chnews.ch.intel.com>
Source record: 200866

In article <DruzJ9.8v0@ncifcrf.gov>, Joe Mack <mack@ncifcrf.gov> wrote:
>In article <4nv6vk$8mi@jolt.pagesat.net> billr@pinsight.com (Bill Robinson) writes:

>Smith charts are also avail in postscript format. I could look
>them up if anyone wants them.

Hi Joe, I would be interested in obtaining an encapsulated post-
script format for Smith charts. Is this a commercial SW package?
The reason I ask is I'm under the impression that Smith charts
are copyrighted.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

2830. Re: WTB: Service Manual for HP141T 8556A Plug in

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: dallen@melpar.esys.com
Message-ID: <4o4e9k$mqc_001@isp.melpar.esys.com>
Source record: 200867
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.repair

Brad, I have this manual and responded to your post. In the event that you did
not receive the first reponse, I'm posting directly to the group.
Dale

In article <319cdfe9.3250263@news.ma.ultranet.com>,
bhare@ma.ultranet.com (Bradley A. Hare) wrote:
>Xref: newsgate.melpar.esys.com rec.radio.amateur.equipment:27110
sci.electronics.repair:27566
>Path: newsgate.melpar.esys.com!uunet!in1.uu.net!news.ultranet.com!usenet
>From: bhare@ma.ultranet.com (Bradley A. Hare)
>Newsgroups: rec.radio.amateur.equipment,sci.electronics.repair
>Subject: WTB: Service Manual for HP141T 8556A Plug in
>Date: Fri, 17 May 1996 20:42:59 GMT
>Organization: UltraNet Communications, Inc.
>Lines: 13
>Message-ID: <319cdfe9.3250263@news.ma.ultranet.com>
>NNTP-Posting-Host: pandora.ultranet.com
>X-Newsreader: Forte Agent .99e/32.227
>Status: N
>
>
> I'm looking for a service manual for an HP141T 8556A
>RF pluging (this is the 0 - 300khz unit) HP's service and parts
>people have told me that they have discontinued the manual,
>and so far all attempts to find one have failed.
>
>No reasonable offer will be refused.
>
>Thanks in Advance,
>
>Brad Hare
>
>bhare@pandora.ultranet.com

++
+ Dale B. Allen (703) 849-1639 Internet: dallen@melpar.esys.com +
+ E-Systems, Falls Church Division FAX: (703) 280-4627 +
++

2831. Re: need help with Realistic htx-202 dtmf(setting tones)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: afn35036@afn.org
Message-ID: <31a4f083.2201998@usenet.afn.org>
Source record: 200868

To set the CTCSS tone:

1. Press: VF (aka, D)
2. Press: M-SET (aka, F + 8)
3. Press: vSC or ^SC (aka, * or #, respectively) until "tc" setting appears.
4. Rotate TUNE knob to change transmit tone frequency.
5. If you also want to set the receive tone frequency, continue pressing the SC buttons until "rc" setting appears.
6. Rote TUNE knob to change receive tone frequency.

Summary: tc = transmit tone. rc = receive tone

Steve

2832. Need schematic for HP6220B power supply

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: chrise@n0jcf.com
Message-ID: <4o4hk4$ceo@n0jcf.com>
Source record: 200869
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,sci.electronics

Looking for the schematic (or even better the manual) for an HP6220B
DC power supply. It's a 0-50V, .5A / 0-25V, 1A bench top supply.
It was a "good deal" at Dayton... it makes output, which is adjustable,
however the metering circuit is bonkers. The meter swings wildly from
the negative peg to the positive peg in both voltage or current modes.

I'll reimburse for any duplicating/mailing costs.

Thanks.

Chris
--
Chris Elmquist, N0JCF
chrise@n0jcf.com
n0jcf@amsat.org

2833. ten meter f.m. tranciever

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: dg692@FreeNet.Carleton.CA
Message-ID: <4o4kgb$api@freenet-news.carleton.ca>
Source record: 200870

I would like to get a service manual or a copy for a motrola mocom 10
low band trancierer.
73 thank you ve3jrr r. merkley (613) 526-1713 phone or fax

2834. Re: What tone is used to access 10m FM repeaters?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4o4moh$cnb@mksrv1.dseg.ti.com>
Source record: 200871

(snip)
>It has been some time since I played around on 10M FM and cannot recall
>the tone frequency generally used to access 10M FM repeaters. Since the
>sunspot cycle will soon be increasing I am curious to know if this IC-706
>will be able to work 10M FM repeaters. Can anyone confirm this
>tone frequency?
(snip)

There is no "standard" tone... they're all different. The ARRL Repeater Directory will probably contain *some* of them, but not all. I'm really not sure how to determine what the tone is. If you hear a repeater, and can copy down its call sign (actually, the call sign of the trustee) you could contact that individual or club and ask them.

I have the same problem, but slightly different. There's a 10m machine one 29.56/.66 here in Dallas / Fort Worth, and they keep CHANGING the damned tone! I have no idea what it really is, but the tone listed in the Repeater Directory is not correct.

Geez... I miss the good ol' days in the early 1980s when propagation on 10m was incredible and the band was open day and night. I spent hours and hours working stations all over the place using converted CB radios and a few commercial rigs (Azden PCS-2800, Comtronix FM-80, etc). I'm looking forward to those days returning!

Good luck on 10m FM... Dean KC5NG

2835. Wanted: info on Graetz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: calhoun@televar.com
Message-ID: <calhoun-2305962052330001@yakuser030.ncw.net>
Source record: 200872

I have inherited a tube radio and would like to find information about the company that produced it and where I will be able to find replacement parts for it. The company is called Graetz. The back of the radio is printed:
Graetz
Made In Germany
Fabricados en Elemania
Grazioso 4816E

I can identify 7 tubes. All tubes read:
TELE
FUN
KEN
Made In Germany

They have the indentification as follows:
EL84
ECH81
6AV6 U0309602
EF89 B1209503
???? B2109206
EM84 B8009600 acts as signal strength meter
1 tube wrapped in metal sheath

The radio can tune AM, FM SW1 (125-49 M), SW2 (41-13 M). The tuning ability of the SW is also rated in Mc.

On the front, the radio says it is stereo. It has plugs on the back for external antenas (multiple) and for external speakers.

The cabinet also contains a record player for 78's.

Any information about this radio or it's components would be appreciated.
Thanks,
dave calhoun

2836. FS: Yaesu FT-ONE HF Xcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: Norris Sapp <nsapp@worldnet.att.net>
Message-ID: <31A5E7AD.26A5@worldnet.att.net>
Source record: 200873

```
Yaesu FT-ONE loaded with all options.
Few scratches, lamps out in meters.
No user manual, but have technical manual.
Works great. $750 including shipping.

W7FV

Reply to nsapp@worldnet.att.net
```

2837. icom IC-2SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: tcope@igc.apc.org
Message-ID: <tcope-2405961044140001@ppp45.igc.org>
Source record: 200874

I have a IC-2SAT 144 meg hand-held. I want to use the radio in my car while traveling cross country. Can I make up a cable from the 12v DC of the car to my hand held, or do I need to buy a special cable from ICOM?

2838. Automatic Tone Search (ATS) on Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: klausner@crl.com
Message-ID: <4o4qdj$elr@crl.crl.com>
Source record: 200875

Does anyone know how to make this work? The instructions in the manual seem identical to the instructions for manually selecting a tone. Am I overlooking somethin simple?

Thanks.

--

Ben Klausner, N5DJL | "Beware of bugs in the above code;
klausner@crl.com | I have only proved it correct,
Austin, TX | not tried it." -- Donald Knuth

2839. CTCSS for TR-751E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: Jos&#65533; Manuel Ribeiro <deec643@tom.fe.up.pt>
Message-ID: <31A60481.2781@tom.fe.up.pt>
Source record: 200876

I'm trying to find TU-7 (tones unit) for my TR-751E.
Help me.
Where can I buy one?

CT1DYW - Portugal
Josï¿½ Ribeiro
deec643@tom.fe.up.pt

2840. ICOM IC27-H INFO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: fran piraino <franbarb@prolog.ptd.net>
Message-ID: <31A6386D.2559@prolog.ptd.net>
Source record: 200877

THANKS FOR READING THIS.

I AM INTERESTED IN BUY AN IC27H FROM A FRIEND BUT NEITHER OF US REALLY
KNOW WHAT IS A FAIR PRICE FOR ONE. CAN ANYONE GIVE US A 'BALLPARK'
PRICE. IT WORKS BUT ISN'T IN THE CLEANEST CONDITION.
THANKS FRAN WA3KKM

2841. Re: Knwd th78 HT questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4o5370$7mg@news.service.uci.edu>
Source record: 200878

In article <johanb01.98.00024E0B@tigger.stcloud.msus.edu>,
johanb01@tigger.stcloud.msus.edu says...

> How do I get my handheld into car. op. squelch. I tried as the manual
>sugest and hold down 8 while powering up or the VHF side. But it stays in
>time scan mode. Any ideas, or did I miss something in the manual.
>Brad
>KB0HNN

It seems you are aware this is for the VHF side. UHF side is set by
holding down the 9 while powering up.

Does the display indicate a change (TO to CO and back)?

Brian - N6ZAU

2842. Re: Grid indicator of HF Liner Amplifier ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: Gary - KJ6Q <tech@thereporter.com>
Message-ID: <4o53vp$bog@miwok.nbn.com>
Source record: 200879

w8jitom@aol.com (W8JI Tom) wrote:
>In article <31A0CF76.2187@nextel.net>, "jaiyoung,yi" <comtech1@nextel.net>
>writes:
>
>>
>>I am using H.F amplifier. What I am worrying about is that I can't
>>understand the indication of grid. When I am using amplifier on 20 meter
>>band into one element quad antenna, the indication of grid is less than
>>25 amp with 600 watt -output in average. However, I am using it into
>>three element quad antenna on 15 meter band, indication of grid shows me
>>around 50 amp or more,but less than 70.(output is around 600 watt).
>>What I wonder is that I am using same watt but different indication of
>>grid. Is it good or not for me to have high indication of grid ?
>>Anyone who give information regarding this problem will highly be appre-
>>ciated.
>
>What tube is it and what amplifier?
>
>73 Tom

IT would appear that the amplifier is not being loaded equally on the 2
bands you have described. That may be caused by a difference in matching
on the 2 bands, or less than ideal design of final tank circuits. Also,
it is not at all uncommon to experience lowered efficiency as frequency
increases, which requires higher levels of drive to obtain full output. A
final possibility is weakening final tubes. As Tom has stated,
informatin as to the actual amplifier in question would be helpful.

73, Gary

--
Gary... KJ6Q...I am the NRA

2843. Re: Yaesu T-1000MP gen coverage tranmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: bduxbury@zetnet.co.uk
Message-ID: <4o569m$k48@roch.zetnet.co.uk>
Source record: 200880

In message <U2UTqEABS5mxEwdx@foobar.co.uk>
Dave Norton <dave@diecast.demon.co.uk> writes:

> In article <4nfo1d$t3v@solaris.cc.vt.edu>, Jim Overfelt <jimo@vt.edu>
> writes
> >How is the FT-1000 MP modified to transmit in general coverage?
> >
> Turn the radio with the FAST and the LOCK key pressed at the same time.
> then press the FAST and the ENT key to access the menu.
> then go to menu 9-9 and set it to GEN then press ENT to get out. To get
> it back
> to normal repeat the steps and select 15 instead of GEN.

> Snipped From a previous posting

> Cheers

> Dave
> Dave Norton - G UHI
> dave@khn.foobar.co.uk

Hi Dave...Thanks for posting the info on the FT1000MP. The menu
system only goes as far as 8-9 so I am a bit baffled...Hi Ant thoughts?

73 ...Barry
--
Barry Duxbury
bduxbury@zetnet.co.uk
100031.2223@compuserve
G4GAH Oxford UK

2844. Re: Spectum analyzer HF probes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: akent@bga.com
Message-ID: <4o59r4$pbo@news3.realtime.net>
Source record: 200881

I have an HP 8565A analyzer, and need to look at signals using a 1
megohm+, as low capacitance as possible, high impedance probe. I can't
load the circuit much at all. An active probe would be fine, but I
would rather not reinvent the wheel, if such a probe design exists.

Thanks.
Kent

"Anthony R. Gold" <tgold@microvst.demon.co.uk> wrote:

>In article <4o30mu$lr4@news3.realtime.net>
> akent@bga.com "Kent Farnsworth" writes:

>> What is a good high frequency probe to use with a spectrum analyzer?
>> The hoped for frequency range is up to 500mhz.
>> I would rather not pay $2500 for HP's probe, and the surplus dealers
>> that I have contacted don't have any suitable probes.
>>
>> Any thoughts?

>What equipment do you have and what is your application? My analysers
>have 50 ohm coax inputs rated to about 1 watt max and no probes are used.
>Sometimes I plug in a short whip antenna to see what's around, just for
>fun, but mostly I'm looking at stuff I'm generating locally such as my
>transmission monitoring, checking out sig-gen's and oscillators, etc.

>Regards,
>--
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

2845. Re: FT-10R Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2405961605360001@145.39.1.10>
Source record: 200882

In article <4o1n95$1ep@nntpa.cb.att.com>, rtw@fuwutai.att.com (Rob Whitacre) wrote:

> In article <CSLE87-2205960926330001@145.39.1.10>, CSLE87@email.mot.com
> says...
> >
> >As an amateur operator you should already be aware that use of non-FCC
> >Type accepted equipment is NOT permitted on commercial channels.
>
> Just who is going to find this person in violation? Certainly the FCC isn't
> going to be around to do so. Maybe someone with a vested interest in radio
> users being forced to purchase over-priced type-accepted radios would report
> them?
>
> And it could also mean that you folks at Motorola don't make *quite* as much
> money. Maybe if companies like yours didn't charge so much for your
> handhelds, or if you make them so they are easily programmed in the amateur
> bands (instead of having to buy a rib, software, and edit archive files,
> etc), more would consider the purchase of a type accepted radio for both
> commercial and amateur use. I use a Motorola handheld for both public safety
> and amateur, but I got a really good deal on it and already had the capabilty
> to program it. If that wasn't the case, the <$300 ham alternative would be
> the way to go.
>
> Preach the rules all you want, but the rule everyone follows is the rule of
> economics. Figure out a better alternative and people will listen to you.
>
> Rob WB8WQA

Maybe this will wake you up:

These notices usually precede some field action from the FCC. We'll see if they finally tell the manufacturers to stop making HF/VHF/UHF amateur radios capable of being opened up for all band TX or maybe even require design type approval of manufactured amateur equipment. This may finally be the start of some long overdue new enforcement action to control illegal operation of amateur equipment.

PUBLIC NOTICE
FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET NW
WASHINGTON, D.C. 2055462882

News media information 202/418-0500.
Recorded listing of releases and texts 202/418-2222.

May 13, 1996

Extended Coverage High Frequency Transceivers

The purpose of this Public Notice is to clarify the Commission's Rules regarding equipment that is intended to operate in various radio services in the high frequency radio spectrum, including "10-Meter" Amateur Radio Service (ARS) equipment.

The Commission has noted that a number of transceivers imported as ARS equipment are also capable of transmitting and are being operated in nearby frequency bands allocated to other radio services such as the Private Land Mobile Radio Services, Maritime Services, Auxiliary Broadcast Services, International Broadcasting Services, the Citizens Band Radio Service, and the U.S. Government. Operation of this equipment causes interference to the authorized users of these frequencies. Some of these transceivers are capable of using output powers or emission types which are not permitted for the radio services listed above and some are capable of transmitting in the radio astronomy band where no two-way radiocommunication is permitted. Some manufacturers are promoting the sale of conversion kits, or have designed their transceivers such that they can easily be modified by the users, to extend the operating frequency range into the frequency bands listed above. In addition, so called "export" radios which are deliberately designed to facilitate this capability are also being imported and marketed.

Manufacturers, importers, vendors and users of these transceivers are reminded that transmitters intended for operation on frequencies allocated to any of the FCC authorized radio services listed above, except the ARS, must be type accepted by the Commission for the particular radio service(s) in which they are intended to operate prior to their importation, marketing or use. The Commission considers that the transceivers discussed above are intended to be operated on frequencies where the use of type accepted equipment is required, because of the simplicity of modifying them to extend their operating frequency range. Transmitters designed and intended for use only in the ARS must comply with the applicable technical standards contained in Part 97 of the Commission's Rules but are not required to be type accepted.

It is a violation of the Commission's regulations to:
(1) import or market a transmitter that is designed or intended to operate on frequencies outside of the ARS bands, if it has not been issued a grant of equipment authorization for the radio service(s) in which the transmitter is capable of operating;
(2) import, market or operate a transmitter that requires a grant of equipment authorization but for which no grant has been issued; or,
(3) transmit on a frequency allocated to a licensed radio service without the appropriate Commission-issued station license.
Violation of the Commission's regulations will subject manufacturers, importers, vendors and users of this equipment to appropriate criminal penalties as provided for by federal law(s), including fines and/or imprisonment. In addition, the equipment described above can be seized by, and forfeited to, the government.

For further information concerning this Public Notice, contact Gary Hendrickson at the FCC Laboratory, 7435-A Oakland Mills Road, Columbia, Md. 21046, (301) 725-1585, Extension 223, or E-mail: ghendric@fcc.gov.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

2846. Re: Kenwood TS-50S for commer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2405961610460001@145.39.1.10>
Source record: 200883

In article <40.21184.2424@channel1.com>, randal.olds@channel1.com (Randal Olds) wrote:

> PA>Does anyone know how I can "open" my TS-50S so it will transmit on any
> PA>frequency (not just amateur bands)? Will this also still allow it to
> PA>be used in connection with the AT-50 automatic antenna tuner?
>
>
> TS-50
> Expanded RF
>
> 1. Remove the bottom cover of the ts-50
> 2. Locate the PLL board-- it is the pc-board on top of the main board,
> it has a shield on it's right side.
> 3. Locate the only non-surface mounted component on the PLL board look
> near the rear left-hand side of the pll board (front of the radio
> facing you) and remove the very obvious diode. You can't miss, there
> is only one
> 4. Replace the cover.
> 5. Perform microprocessor reset as described in your manual.
>
>
> KD8NV
> ---
> * SLMR 2.1 * Screwdriver antenna = big signal

These types of notices usually precede field action by the FCC. We'll see if they tell the manufacturers to stop making the HF amateur radios capable of being opened up for all band TX, or even begin ot require type approval or acceptance of commercially manufactured amateur equipment. This may finally be the start of some serious new enforcement action to control illegal operation of amateur equipment.

PUBLIC NOTICE
FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET NW
WASHINGTON, D.C. 2055462882

News media information 202/418-0500.
Recorded listing of releases and texts 202/418-2222.

May 13, 1996

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Md. 21046, (301) 725-1585, Extension 223, or E-mail: ghendric@fcc.gov.
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** Opinions expressed here do NOT represent the views of Motorola Inc. **
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Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

2847. Where is the FAQ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: Brad Thompson <bthompso@flash.net>
Message-ID: <4o3h65$l6e@excelsior.flash.net>
Source record: 200884

I'm sorry to breach etiquette, but could someone please discreetly inform me of where I can locate the FAQ for this newsgroup? Thanks in advance; sorry to clutter the list.

2848. Re: Smith Charts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: Wes Atchison <wes@iphase.com>
Message-ID: <4o59cc$jdn@que.iphase.com>
Source record: 200885

Joe,

Could you point me to the Simth Chart on Postscript?

Wes

WA5TKU

2849. WTB LF-30A keewood low-pass filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: carlosr@csulb.edu
Message-ID: <4o5eiv$nan@hatathli.csulb.edu>
Source record: 200886

I am looking for this unit. State price and condition.

2850. Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: Chuck Bigbie <crbigbie@tulsa.com>
Message-ID: <31A617F9.2463@tulsa.com>
Source record: 200887

Does anyone have the open TX mod for the Yaesu FT-2500M.

Please e-mail me crbigbie@tulsa.com.

Thanks,

Chuck

2851. Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: Chuck Bigbie <crbigbie@tulsa.com>
Message-ID: <31A61802.444C@tulsa.com>
Source record: 200888

Does anyone have the open TX mod for the Yaesu FT-2500M.

Please e-mail me crbigbie@tulsa.com.

Thanks,

Chuck

2852. Re: Re. 12-24 HR LED Clock Display

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: thomas.g.booth@den.mmc.com
Message-ID: <thomas.g.booth-240596171513@160.205.101.24>
Source record: 200889

In article <4o02is$ksd@news.global1.net>, rxbobxr@globalone.net (bob rx)
wrote:
>
> hi name is bob --wb2flx-- have heard there is a way to change a 12 hr display LED clock
to 24 HR --
> anyone know how -- thanks for the help?? bob wb2flx

Well, it's really going to depend on the particular integrated circuit used
in a given clock...often it's as simple as changing the input state on one
pin of the clock IC, but you'd need some further info on the clock IC (or
perhaps a schematic of the clock) in order to figure out which pin to
jumper. If you can, look at the clock IC and see if you can figure out the
manufacturer and part # & include the info in a followup post; someone
reading the newsgroup just might have the datasheet you need. Hopefully,
the IC hasn't been "house marked", i.e., marked w/ a customer peculiar P/N
which is meaningless to the rest of the world.

If the clock was built entirely out of standard TTL or CMOS ICs (which
would likely be a rather old clock), it could require a bit more rework to
convert to a 24 hour display, but shouldn't be impossible to do.

There is a chance that the particular clock you have uses a clock IC which
doesn't allow for switchover to 24 hour display, in which case you're outta
luck. I bring this up because I seem to recall some mid-70's vintage clock
ICs - perhaps some of MOSTEK's clock ICs - which were built strictly for 12
hour display only. There may be some more recent chips configured for 12
hour only display as well.

TGB

\\ The opinions expressed herein are my own. //

2853. Yaesu FT-208R Manual Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-24 00:00:00 UTC
From: rreneau@iquest.net
Message-ID: <Drx5Dt.5Ex@iquest.net>
Source record: 200890

A friend that just got his ticket has purchased a used FT-208R HT.
Does anyone have an owners manual they could copy or are willing to
sell??

2854. RE: ft50 / ic7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: "T. Ronald Davis" <rond@intellect.com>
Message-ID: <01bb4a57.be292bc0$354060cc@dell100>
Source record: 200662
Cross-posted to: sci.electronics.misc,rec.radio.amateur.equipment

sorry I can't address the ic7 but let me put another glowing report in on
the FT50R. I bought the FT50-41R (5w) -- love it -- very impressive
features and performance. Two things to remember -- it has an SMA
connector - so you should order a SMA/BNC adapter to be able to use your
existing antennas ($8). I also -- immediately went back and ordered the
the FTT-12 keyboard option ($64) - Gives you voice recording/playback,
DTMF code squelch and CTCSS decode capabilities.

==========
A week or so ago I posted an article about the ft50r and the
icom ic 7. So far I have had glorious reports on the ft50,

But know one with an ic 7 answered...

On Tuesday, May 21, 1996, Joel Lessenberry wrote...
> A week or so ago I posted an article about the ft50r and the
> icom ic 7. So far I have had glorious reports on the ft50,
>
>
> But know one with an ic 7 answered...
>
>
> Anyone care to defend their rig?
>
> joel
>
>
>
>

2855. Re: Motorola Max Trac 800 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: "Richard R. Fasi" <rfasi@castles.com>
Message-ID: <4o7dp7$2m3@miwok.nbn.com>
Source record: 200663

Hi,
The Maxtracs are 800 MHZ Trunked units. Depending on Model they may support conventional 800
MHZ operation. There is no mod that I am aware of to put these on the 900 Mhz amateur freqs.

In the SF Bay Area, There is no trunked service available for these radios. The radios are programmable only with Motorola software.

73 de Dick KM6PA

2856. Re: Heil Pro headsets?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: bduxbury@zetnet.co.uk
Message-ID: <4o7fsq$c2a@roch.zetnet.co.uk>
Source record: 200664

In message <4o6u8p$1af0@usenetz1.news.prodigy.com>
FSWF37A@prodigy.com (James Brannigan) writes:

> Any opinions on the Heil Pro Headset?
> Likes and dislikes, is it worth the money?
> Any preference on the mic elements. I Dx and contest, but dislike harsh
> audio.

James, I recently bought the HC5 Headset (not DX mic) for use with
the FT1000MP. The phones are exceptionally good and the mic is a bit
light on bass. I am pleased that I did not get the HC 4 because ,like
you I dislike harsh audio.

In summary the HC 5 is a very good product which is suitable for all
operating... in the case of short range QSOs on 80 meters then maybe
I would prefer the additional roundness provided by my desk mic.

I hope this helps 73--
Barry Duxbury
bduxbury@zetnet.co.uk
100031.2223@compuserve
G4GAH Oxford UK

2857. Re: Yaesu T-1000MP gen coverage tranmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: bduxbury@zetnet.co.uk
Message-ID: <4o7fss$c2a@roch.zetnet.co.uk>
Source record: 200665

In message <kFqWkGAfikpxEwxZ@diecast.demon.co.uk>
Dave Norton <dave@diecast.demon.co.uk> writes:

> Hi Barry

> >> Turn the radio with the FAST and the LOCK key pressed at the same time.

> should be

> Turn ON the radio with fast and lock keys depressed

> this should enable the further menu items, note it is fast and lock

> use fast and enter after this to enable normal menu mode

> You should see further menu items 9-1 to 9-9 now

> It works here

> Dave

> Dave Norton - G0UHI

Dave , Very many thanks for explaining the way to enter level 9 of
the menu. It works as suggested. I wonder what some of the other menu items do?

Again, many thanks and best wishes. .... Barry
>

--
Barry Duxbury
bduxbury@zetnet.co.uk
100031.2223@compuserve
G4GAH Oxford UK

2858. ETOP 91B Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: whitestone@netins.net
Message-ID: <4o7fk0$3n7@insosf1.netins.net>
Source record: 200666

I am thinking about buying an ETO 91 B amplifier to use with my ft1000d. Anyone have one and have any information pro or con. Or are there users of other amps that might want to tell me what they like about theres over the 91 B Also if someone could comment on why pay a thousand more for the 89? Thanks ... e mail me at whitestone@netins.net

2859. Re: IC 820H is it worth of buying?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: 100427.1601@compuserve.com
Message-ID: <4o7gc0$f38@hil-news-svc-3.compuserve.com>
Source record: 200667

dkaylor@hayburn.com (Dave Kaylor) wrote:

>On 22 May 1996 21:32:37 GMT, mjappine@news.hit.fi (Mika Antero
>J&#65533;ppinen) wrote:

>>
>>Hi,
>>
>> I am looking for anything like bugs or good to know about
>> this Icoms dualband-multimode rig IC-820H. It is cheapest
>> of such rigs (containing 2m/70cm multimode) and is quide
>> new. For exp. Yeasu still sells it 736 which is quide old
>> and others like kenwoods 790 is not so simple to use..
>>
>> I had heard roomers that 820 has lack of RF capabilities
>> on its receiver ?!
>>
>> Well anyway if you might have some experience or have heard
>> about it let me know, that I won't trow my money to something
>> that doesnt work well..
>>
>> I have Yaesu ft290r2 and I am quide satisfied to it but I would
>> like to have also multimode for 70cm (satellite working)
>> and f I buy single band rig it wuold cost me same or little more..
>> And with transvertes and so on it is allways hassle with cables..
>>
>> Antero Jappinen Email mjappine@maanantai.hit.fi
>> Packet OH2LJH@OH2BAR.FIN.EU
>>
>>
>>

>If you are interested in the 820 you might want to wait a little while
>the have come out with a 821 which has some updates over the 820. So
>if you are looking to buy one I would check with icom on the new one
>and the differences. Good Luck. 73 de Dave.

I am also interrested in buying an satellite tranceiver.

The 820 looks to me even more attractive if a a new version is
delivered to the market. It means potential second hand opportunities.

So, I would like to know your opinion if you have the oportunity to
use the 820h as a 9600b stellite packet tranceiver.

73

PASCAL LEVASSEUR
Packet: F1UZE@F5KAT.FMLR.FR.EU
Internet : 100427.1601@compuserve.com

2860. Ham listings

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: eugene@loop.COM
Message-ID: <199605251837.LAA03684@patty.loop.net>
Source record: 200668

Please subscribe me to the mailing listing!

E. Joe Orrico
WB6HRO

2861. Regency LMV25b modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: logank@teleport.com
Message-ID: <4o7lj5$kcj@nadine.teleport.com>
Source record: 200669

I have a Regency mod. LVM25b, 16 chan programable mobile that I would like to convert to Two Meters. I am unable to program anything lower than 150.000 mhz. I would like very much to have some ideas on how to modify this radio to be able to program lower than 150 mhz.

Phil
KD7ZD

2862. Regency LMV25b modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: logank@teleport.com
Message-ID: <4o7l6l$kai@nadine.teleport.com>
Source record: 200670

I have a Regency mod. LVM25b, 16 chan programable mobile that I would like to convert to Two Meters. I am unable to program anything lower than 150.000 mhz. I would like very much to have some ideas on how to modify this radio to be able to program lower than 150 mhz.

Phil
KD7ZD

2863. For Sale Kenwood TS 450s/at TS 440s/at TS 140s

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: bill.farmer@grinder.com
Message-ID: <8C142A4.01A6001B3D.uuout@grinder.com>
Source record: 200671

[posted by Bill Farmer (WB6HVS) for Richard Miller (K6KDS)]

Kenwood TS 450s/at with extra digit in readout, MARS mod,
8.82 and 455 filters, mike & key included. $930 OBO.

Kenwood TS 440s/at with extra digit in readout, MARS mod,
SERVICE manual and owners manual, mike & key included. $700 OBO.

Kenwood TS 140s, MARS mod, manual, mike & key included. $540.

Please contact Richard by phone at (619) 724-7460 (Vista, California).

2864. Ouch! I freaked out again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: acephotog@emi.net
Message-ID: <acephotog-2505961518150001@ttycg.emi.net>
Source record: 200672

I can't believe I did this! I'm not sorry ... yet. I walked into my local Ham Radio store to buy a used 2m HT to hook up to my packet TNC, and somehow got talked into buying an ICOM IC-T7A dual band HT. I spent more than twice my budget. What can I do to avoid this in the future? I love gadgets! Help!

--
Dan Conklin acephoto@emi.net

2865. Selling old Drake

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: btess@magic.mb.ca
Message-ID: <4o7mli$p1v@aahz.magic.mb.ca>
Source record: 200673

I have the following:

Drake R-4C receiver;

Drake T-4X transmitter;

Speaker and power supply.

I have no idea if these babies work. If you live in southern Manitoba and want to check them out, please e-mail. Any reasonable offer considered.

2866. Re: ft-50r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31A73799.3AEF@hogsett.com>
Source record: 200674

Michael M Long wrote:
>
> I just got an FT-50r and am confused about one of the funtions.
> The knob function is SFT 24, which the manual does not talk
> about. In the back, it says that it sets the CPU shift, so don't change
> it. If it is so important, why make it a knob function that someone could
> accidentally chage. Anyone know what this actually does?
> michael long
>
> "The World is an illusion created by a conspiracy of our senses."
>
> -Roger Penrose

I've changed it and not detected any differences. The technical supplement offers
no help in the matter. My guess is it does *nothing*.

--
+---
| Jerry Hogsett (home) jerry@hogsett.com |
| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
| (500)-G-HOGSETT http://www.hogsett.com |
---+

2867. Re: Need Motorola programing software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: egg117@carroll.com
Message-ID: <4o7rg0$mif@ruby.interactive.net>
Source record: 200675

dennism@cache.net (Eric) wrote:

>Does anyone have programing software for Motorola radios. I bought some
>radios and I need to program them.

>73 de KC7BDT

If you find out let me know as well. I though that programming
motoral radio was illegal? Only authorized ressellers can? That is
what my dealer told me when I asked. Then again they charge about $15
to program the radio.

2868. Re: Ft 51r mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: egg117@carroll.com
Message-ID: <4o7rhh$mif@ruby.interactive.net>
Source record: 200676

gooch <gooch@burgoyne.com> wrote:

>if anyone knows about any mods for this radio please contact me

I heard there was a problem with MOD that came from Japan. Stores are
waiting for a new mod to come out.

2869. Re: Programming Software for Ft-530 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4o7map$g1a@dfw-ixnews6.ix.netcom.com>
Source record: 200677

The FT-530 CAN'T be programmed by a PC. It has been tried many times
without luck. So I will save you the time and trouble.

You have to get a newer model like the FT-51R or FT-50R....

73's

Kevin, WD6DIH

In <4o3au7$fae@loki.tor.hookup.net> cstimson@hookup.net (Craig Stimson)
writes:
>
>I've been following the thread regarding ADMS software for the Yaesu
>FT-50 which has prompted me to ask the question about the FT-530. I
>understand there is presently nothing available but does anybody know
>if there may be anything in the works? I guess since the FT-530 is an
>old model now there may be no interest on the part of Yaesu however
>there still is a lot of dealers selling them an a lot of users who
>would be interested. It sure would come in handy to manage the memory
>locations.
>
>Since the FT-530 does have some sort of digital (?) communication on
>the mic and/or speaker connections for the MH-29 & cloning
>capabilities it would seem possible.
>
>Comments anyone??
>
>73
>Craig
>++
>+ Craig Stimson +
>+ E-mail: cstimson@hookup.net +
>+ AX.25 : VA3DCS@VE3ZRD.#SCON.ON.CA.NA +
>++
>

2870. Schematics/Parts list for Ramsey 2 Meter Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Brian Oblivion <oblivion@l0pht.com>
Message-ID: <31A77FE8.3505@l0pht.com>
Source record: 200678
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.swap

Greetings,

Has anyone built the Ramsey 2 Meter Kit and still have the Schematics/
Parts List still around? I just picked one up at a Hamfest for dirt
cheap so it's worth it for me to try and repair it. One component is
fried beyond recognition, hence my need for the schematic/list.

I'd really like to fix this rig. The exact part number of this rig is
either RK-FX146 or RK-FX220. I'm sure the cicuitry is close enough
for either part number.

Thanks.

Brian
oblivion@l0pht.com

2871. Re: Automatic Tone Search (ATS) on Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: klausner@crl.com
Message-ID: <4o7vnd$lu1@crl8.crl.com>
Source record: 200679

In article <4o5sgp$iah@news.ro.com>, Rod Thompson <rts@mail.ro.com> wrote:
>klausner@crl.com (Ben Klausner) wrote:
>> Does anyone know how to make this work? The instructions in the manual seem
>> identical to the instructions for manually selecting a tone. Am I
>> overlooking somethin simple?
>>
>> Thanks.
>
>
>Follow the manual like you are setting the tone frequency. Once in the frequency
>selection mode press and hold the UP or DOWN arrows keys until the tone frequencies
>start to change. Your radio must be set on the frequency you want to receive and
>have Tone Squelch turned on.
>

Thanks for the reply, but that doesn't seem to work for me. I activate Tone
Squelch, then try F-2 to set Tone Frequency, and hold the Up key. AAs long
as I hold the key the value changes, but when I let go it stops. Do I need
to test this against a live signal with tone?

Thanks.

Ben Klausner, N5DJL | "Beware of bugs in the above code;
klausner@crl.com | I have only proved it correct,
Austin, TX | not tried it." -- Donald Knuth

--

Ben Klausner, N5DJL | "Beware of bugs in the above code;
klausner@crl.com | I have only proved it correct,
Austin, TX | not tried it." -- Donald Knuth

2872. >>>> Hong Kong Dealer Wanted <<<<

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: photo-op@ix.netcom.com
Message-ID: <4o81s6$mbm@dfw-ixnews6.ix.netcom.com>
Source record: 200680

I am looking to make contact with a Ham Radio Equipment dealer in Hong Kong. If you are such a dealer, or know of such a dealer, I would appreciate hearing from you. Please e-mail me at the address below.

Thanks,
Bill
photo-op@ix.netcom.com

2873. WTB: Allied Catalogs<1970

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: jharper@bs2000.com
Message-ID: <4o82fe$ono@news-2.csn.net>
Source record: 200681

I am interested in old Allied Catalogs -- prior to 1970 or
so.

Please e-mail me with what you have and what you would like
to sell it for.

Thank You

Jack, KC0LR

Jack Harper Bank Systems 2000, Inc.
e-mail: jharper@bs2000.com 350 Indiana Street, Suite 350
voice: 303-277-1892 fax: 303-277-1785 Golden, Colorado 80439

"21st Century Banking Applications"
Private Label Optical Bank Card Systems
Visit our Web Page: http://www.bs2000.com/talos

2874. Re: Ouch! I freaked out again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Bill Crocker <billc@mail.rust.net>
Message-ID: <31A78846.6315@mail.rust.net>
Source record: 200682

Daniel L. Conklin wrote:
>
> I can't believe I did this! I'm not sorry ... yet. I walked into my local
> Ham Radio store to buy a used 2m HT to hook up to my packet TNC, and
> somehow got talked into buying an ICOM IC-T7A dual band HT. I spent more
> than twice my budget. What can I do to avoid this in the future? I love
> gadgets! Help!
>
> --
> Dan Conklin acephoto@emi.net

Dan:

Do I know that feeling! I do that sort of thing all the time. It must
be something in the drinking water! :)

Bill Crocker

2875. Re: Req. for Mods: Alinco DJ-G5T, Kenwood TM-742

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Sean Nixon <nixon@actrix.gen.nz>
Message-ID: <31A660BC.3792@actrix.gen.nz>
Source record: 200683

Gary F. Kendall wrote:
>
> Is anyone aware of any other mods for the DJ-G5T besides the "cut the blue
> wire" for extended TX? I recently learned that the European version can
> be modified for 800 MHz RX but it supposedly has a different chip set in
> it. I've scrounged cyber-space without much luck.
>
> Also, a friend of mine just bought a TM-742 at Dayton; he is trying to
> modify the 6m section for TX down to 45 MHz. He's been able to tune it
> down to 46, which is close, but not close enough... Has anyone succeeded
> with a similar mod?
>
> Any info would be appreciated. Thanks much!
>
> -- Gary KB4GCF
>
> --
> Gary F. Kendall, Programmer/Analyst kendall@vt.edu
> Project ENABLE -- the Administrative Systems Initiative
> Virginia Tech

Dunno- but have a look here- its where i get mine from:

http://oak.oakland.edu:8080/pub/hamradio/mods/

Cheers

2876. maco 300

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: kevin tischler <"hacker@flashnet.net"@flash.net>
Message-ID: <4ob5f6$h50@excelsior.flash.net>
Source record: 200684

does anyone know if this amp can be setup to do several different
bands.. I was wishing to modify it back to amateur use from cb...
I got it for a great price <125 bucks> and have no intentions for using
it on 11 meter <honest>
I was however wanting to use it in line with a low power 6 meter radio
or <if possible> 2 meter..I know that 10 is possible cause that is what
it was before it was for cb...

can this be done, and if so is it possible to do both???

2877. RADIO SHACK HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: BILL TAKACS <btakacs@cybergate.net>
Message-ID: <31A746CD.445A@cybergate.net>
Source record: 200685

I wonder if there are any mods for this radio to expand the out of band transmit other than the 143 to 149 mhz? Also how close is this radio related to Kenwood and the ADI? They all look very similar. Thanks
Bill - KB8ZW

2878. Re: Yaesu T-1000MP gen coverage tranmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Dave Norton <dave@diecast.demon.co.uk>
Message-ID: <kFqWkGAfikpxEwxZ@diecast.demon.co.uk>
Source record: 200891

In article <4o569m$k48@roch.zetnet.co.uk>, Sir Barry Duxbury
<bduxbury@zetnet.co.uk> writes
>In message <U2UTqEABS5mxEwdx@foobar.co.uk>
> Dave Norton <dave@diecast.demon.co.uk> writes:
>
>> In article <4nfo1d$t3v@solaris.cc.vt.edu>, Jim Overfelt <jimo@vt.edu>
>> writes
>> >How is the FT-1000 MP modified to transmit in general coverage?
>> >
>> Turn the radio with the FAST and the LOCK key pressed at the same time.
>> then press the FAST and the ENT key to access the menu.
>> then go to menu 9-9 and set it to GEN then press ENT to get out. To get
>> it back
>> to normal repeat the steps and select 15 instead of GEN.
>
>> Snipped From a previous posting
>
>> Cheers
>
>> Dave
>> Dave Norton - G UHI
>> dave@khn.foobar.co.uk
>
>Hi Dave...Thanks for posting the info on the FT1000MP. The menu
>system only goes as far as 8-9 so I am a bit baffled...Hi Ant thoughts?
>
>73 ...Barry

Hi Barry

>> Turn the radio with the FAST and the LOCK key pressed at the same time.

should be

Turn ON the radio with fast and lock keys depressed

this should enable the further menu items, note it is fast and lock

use fast and enter after this to enable normal menu mode

You should see further menu items 9-1 to 9-9 now

It works here

Dave

Dave Norton - G0UHI

2879. Does anyone have a schematic for dj-162

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: duane@rci.ripco.COM
Message-ID: <m0uN7Pk-000Kl8C@foley.ripco.com>
Source record: 200892

Does anyone have a schematic for a Alinco DJ-162 ht. -Duane

--
>>>> Duane Whittingham - N9SSN - Dedicated to TVRO & Radio Broadcasting! <<<<

duane@ripco.com (MHGC -- Damian Smith)

>>>> Tom & Darryl Show On Hiatus Will it & TTN Return? Watch this Space! <<<<

2880. Re: Biconical antenna design?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: thomas.g.booth@den.mmc.com
Message-ID: <thomas.g.booth-240596180006@160.205.101.24>
Source record: 200893

In article <4o30hg$lr4@news3.realtime.net>, akent@bga.com (Kent Farnsworth) wrote:
>
> I have a spectrum analyzer that needs a biconical antenna. Is there a
> book, or howto somewhere, on how to build an accurate one for a meager
> amount?
>
> Thanks
> Kent

What's the frequency range needed for the antenna? If the frequency range is 25 MHz to 200 MHz, and you have access to some historical library/database of military standards, look up MIL-STD-461A (but _not_ MIL-STD-461, MIL-STD-461B, MIL-STD-461C, or MIL-STD-461D). Within MIL-STD-461A there exists some figures (Figures 2B through 2C-6, to be specific) which show how to modify a dipole antenna originally built for the venerable Singer NF-105 field intensity meter into a biconical antenna, with sufficient info to construct the detail parts needed. If you can't get your hands on MIL-STD-461A, e-mail me your postal address & I'll be glad to forward copies of the figures.

The tough part may be in finding the correct dipole antenna (the DM-105-T1, or the alternate antennas identified in MIL-STD-461A Fig. 2B); if you strike out on finding one, you'll have to do some R&D to come up w/ your own balun and matching network.

Hope this helps, & good luck -

TGB

\\ The opinions expressed herein are my own. //

2881. Re: Automatic Tone Search (ATS) on Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Rod Thompson <rts@mail.ro.com>
Message-ID: <4o5sgp$iah@news.ro.com>
Source record: 200894

klausner@crl.com (Ben Klausner) wrote:
> Does anyone know how to make this work? The instructions in the manual seem
> identical to the instructions for manually selecting a tone. Am I
> overlooking somethin simple?
>
> Thanks.

Follow the manual like you are setting the tone frequency. Once in the frequency selection mode press and hold the UP or DOWN arrows keys until the tone frequencies start to change. Your radio must be set on the frequency you want to receive and have Tone Squelch turned on.

Rod
RT Systems, Amatuer Radio Supply
Huntsville AL
800-723-6922 205-882-9292

2882. FS: ATV EQUIPMENT - CHEAP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: kos@fastlane.net
Message-ID: <kos-2605960124240001@fw91.fastlane.net>
Source record: 200895

I have the following Amateur Television equipment available, all in AS-NEW condition and guaranteed to work:

P.C. Electronics TX70-1 70 CM ATV XMTR, New: $259 Sell for: $150

P.C. Electronics KPA5-E, 70 CM ATV xmtr board, New: $169 Sell for: $95

P.C. Electronics TXA5-70, ATV exciter/modulator, NEVER USED, New: $89 Sell for $60

P.C. Electronics FMA5-F Audio Subcarrier Generator, NEVER USED, New: $39 Sell for: $25

P.C. Electronics PA5 10-watt P.E.P. ATV Power Amp, Drive directly with TXA5-70 (above) or TX70-1 or KPA5-E with small attenuator. NEVER USED, New:$89
Sell for: $65

AEA "Hot Rod" end-fed half-wave telescoping UHF antenna w/BNC connector, NEVER USED. Still in unopened package. New $23. Sell for $15

Panasonic Model WV-F2 Pro Color CCD camera with 10-pin VHS connector, $75

Panasonic PK-452B Newvicon Color Video Camera, with 10-pin VHS connector, like new, rarely used, manual $75

E-mail kos@fastlane.net

2883. Re: FT-1000 Expert Needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Jim Nance <jnance@one.net>
Message-ID: <31A6F6BD.4403@one.net>
Source record: 200896

dnorris@k7no.com wrote:
>
> ed@aloha.net (ed) wrote:
>
> >TDE <tde@snet.net> wrote:
>
> >>My piece of !$#@ FT-1000 is off frequency about 50 cycles or so. Drives
> >>me nuts, love to be exact. Looking for any info on tweaking it back
> >>into place. Can this be done easily enough, or is it stricltly a
> >>factory job? Thanks very much!!! - Rick, N1SQJ
>
> >There's a trimmer in the hole on the TXCO, if you have that option, or
> >probably in the master oscillator circuit, if you don't. You can
> >zero-beat on WWV if you turn the IF shift all the way to the bassy
> >side with an SSB mode selected (use headphones to hear the zero beat
> >clearly). Make sure the set's fully warmed up before adjusting.
> >Ed- AH6MI
>
> You don't have to listen to zero beat. It is easier and more accurate
> to switch alternatively between USB and LSB and adjust the trimmer
> until both sidebands exhibit the same tone.
>
> cdn
>
> C. Dean Norris
> Amateur Radio Station K7NO
> e-mail to dnorris@k7no.com
> http://www.syspac.com/~dnorris/
Swithing between sidebands usb and lsb is not the proper way to set the
master oscillator. You are probally thinking of the way to set the
carrier points without test equipment. If you want to be accurate and
apparently the original post is if they are concerned about 50 cycles.
Forget WWV and set the freq. with an accurate frequency counter.

73 de KE4WY (Usually dosn't get involved)

2884. V-J 90PL ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: vvv@radio.stack.net
Message-ID: <4o6eqt$529@ns.serpukhov.su>
Source record: 200897

Hello !

I'am looking for information about V-J 90PL two meters ampliffier.

What's output power, max input power ?

Victor

2885. Manual for Standard 628

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Doug Kaherl <dkaherl@tir.com>
Message-ID: <31A6E5B9.50F@tir.com>
Source record: 200898

Hi,
I need a copy of a operating manual for a Standard 628 dual band 440 mhz-1.2 Ghz. Ht. I would be happy to pay for the copy plus shipping.

Thanks Doug, KG8F

dkaherl@tir.com or
KG8F@amsat.org

2886. Re: Wanted: info on Graetz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: griffin@jgfl1.allcon.com
Message-ID: <DryGtC.38G@jgfl1.allcon.com>
Source record: 200899

Dave Calhoun (calhoun@televar.com) wrote:
> I have inherited a tube radio and would like to find information about the
> company that produced it and where I will be able to find replacement
> parts for it. The company is called Graetz. The back of the radio is
> printed:
> Graetz

Graetz is still in business, AFAIK.

> I can identify 7 tubes. All tubes read:
> TELE
> FUN
> KEN
> Made In Germany

Manufactured by Telefunken, also still in business.

> They have the indentification as follows:
> EL84

equivalent to 12BY7A

> ECH81
> 6AV6 U0309602
> EF89 B1209503
> ???? B2109206
> EM84 B8009600 acts as signal strength meter
> 1 tube wrapped in metal sheath

> The radio can tune AM, FM SW1 (125-49 M), SW2 (41-13 M). The tuning
> ability of the SW is also rated in Mc.

> On the front, the radio says it is stereo. It has plugs on the back for
> external antenas (multiple) and for external speakers.

> The cabinet also contains a record player for 78's.

> Any information about this radio or it's components would be appreciated.
> Thanks,
> dave calhoun

Can't help you with the rest of the tubes, but the radio itself
seems familiar. I had a similar one without record player and used
it as an amplifier for several years. I suggest you check a tube
reference manual for information about replacement tubes.

Hope that helps,
Jens, DB9LL

--
Do _YOU_ know where your towel is?

2887. Want : Standard 628 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Doug Kaherl <dkaherl@tir.com>
Message-ID: <31A6E689.1900@tir.com>
Source record: 200900

I need a copy of a manual for the Standard 628 dual band HT for 440 mhz/1.2 Ghz.

I will be happy to pay for the copy plus shipping.

Thanks, Doug KG8F

dkaherl@tir.com OR
KG8F@amsat.org

2888. computer scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: sid@comptech.airtime.co.uk
Message-ID: <4o6p1g$d7u@neon.airtime.co.uk>
Source record: 200901

anybody got any computer scanner for mobile telephones

2889. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4o6rsl$t45$1@mhafc.production.compuserve.com>
Source record: 200902

One of the guys on CompuServe HamNet got ahold of an early version of the software interface that was just released and it is a little buggy - Seems that the code for the European version is in there and his FT-50R now has restored CELLULAR coverage! This is not a joke; I'm waiting to hear back from him to see if there's some obvious way to tell if you are buying the early version or not. (He now has the new code available to him, too.) I'm also waiting to see if we lose anything.

2890. Heil Pro headsets?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: FSWF37A@prodigy.com
Message-ID: <4o6u8p$1af0@usenetz1.news.prodigy.com>
Source record: 200903

Any opinions on the Heil Pro Headset?
Likes and dislikes, is it worth the money?
Any preference on the mic elements. I Dx and contest, but dislike harsh audio.
Thanks for you input

73, Jim

2891. MSF-5000 EPROM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: bsager@interserf.NET
Message-ID: <199605251407.KAA02412@ns.interserf.net>
Source record: 200904

Does anyone know of any place or person around the mid-atlantic area
who still has the equipment to reprogram a Motorola MSF-5000 repeator
eprom?? I've been run around in a circle without any luck for the last
month or so trying to get it done.. I've got the old eprom. Any helpful
information would be appreciated.

Regards
Ben
KC4ASF.VA

2892. Re: "HAM BURGER" READ THIS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: BQQL61C@prodigy.com
Message-ID: <4o746h$1at8@usenetz1.news.prodigy.com>
Source record: 200905

Ham Burger is probably the same guy you see on that Gold Mastercard commercial who tries to forge his signature on the card, but can't.

I e-mailed him personally after my faux pas of putting a FS in the wrong newsgroup. I asked if he had slapped the wrists of the dozen or so others who committed the same sin--then told him to get some balls and come forth with HIS real name.

Ham, buddy--it's people like you who give this hobby a real bad name. Knock it off.

2893. Re: Heil Pro headsets?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: tegennett@hfs.purdue.edu
Message-ID: <NEWTNews.5026.833041230.Postmaster@hfs08>
Source record: 200906

I have been using one for about 6 months. Can't remember the mic element's number but it's the one recommended for contesting, not casual rag chewing. I have gotten good audio reports.

If you are going to buy a Heil I strongly recommend you borrow one from a friend and wear use it for several hours at a time, as you would in a contest situation. I tried mine on in the store and it felt great. But after wearing for several hours I found it very uncomfortable. My ear's don't stick out very far from my head (at least I don't think they do!!!) but I wish there was more space between the outside of the earcushion and the flat plastic plate that holds the speaker. Or maybe thicker foam on the plastic plate. I hope to experiment with this in the near future, to see if thicker foam or a denser foam makes a difference.

Other than the comfort issue, I like mine just fine. Previously used a hand mic (when operating SSB) and an old pair or Rat Schack hi fi stereo headphones however, so I don't have much to compare to.

> Any opinions on the Heil Pro Headset?
> Likes and dislikes, is it worth the money?
> Any preference on the mic elements. I Dx and contest, but dislike harsh
> audio.
> Thanks for you input
>
> 73, Jim
>
>

2894. Info Moto advisor pager

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4o73om$1l7@news1.warwick.net>
Source record: 200907

anyone know the pinout of the advisor series pager?
Need the connections fromt he RIB boxx to the pager

tnx
Nick

2895. Re: STOLEN:RADIO SHACK HTX202 IN NATCHEZ, MS on 951226

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: srwhite@ibm.net
Message-ID: <4o77r6$2qvu@news-s01.ny.us.ibm.net>
Source record: 200908

In <4o3e4k$jm1@solaris.cc.vt.edu>, wonderly@vt.edu (wonderly) writes:
>HTX202 was missing sm. flexible antenna when taken. It had a cartop antenna[mfg. Valor] attached.
>
>Please email or Ph me @ evenings (540)382-8830

Sure... With 1000's of HTX's out there I might just be able to spot yours...

How about posting the serial number so anyone who comes across it might identify it... If you didn't write it down, it's as good as gone!

Steve W.
N2RWE

2896. Re: Spectum analyzer HF probes?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Michel Lamoureux <100277.1476@CompuServe.COM>
Message-ID: <4o7apslba1@mhafn.production.compuserve.com>
Source record: 200909

You might use HP85024A which is a 300 kHz - 3 GHz high impedance
probe (1 MOhm // 0.7 pF).
Also HP41800A with 5 Hz - 500 MHz bandwidth , 0.5 MOhm // 3 pF
Both with 50 Ohms, N connector output.

I'm not sure they are rated less than $2,500 but you may found
second hand one.
Good luck.

PS: I do not work for HP :-)

--
100277.1476@compuserve.com (Michel Lamoureux)

2897. Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: back@maine.maine.edu
Message-ID: <4o72a8$hm@service-2.agate.net>
Source record: 200910

Is the Rat Shack DSP unit any god? It is on clearance here for $39.00?
Yes/ No?
reply to email please..
baack@midcoast.com
http://www.umecut.maine.edu/~baack

2898. ft-50r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-25 00:00:00 UTC
From: Michael M Long <longmim@mail.auburn.edu>
Message-ID: <Pine.SOL.3.91.960525104834.17892C-100000@mallard.duc.auburn.edu>
Source record: 200911

I just got an FT-50r and am confused about one of the funtions.
The knob function is SFT 24, which the manual does not talk
about. In the back, it says that it sets the CPU shift, so don't change
it. If it is so important, why make it a knob function that someone could
accidentally chage. Anyone know what this actually does?
michael long

"The World is an illusion created by a conspiracy of our senses."

-Roger Penrose

2899. Re: Smith Charts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDrzrK5.JIy@netcom.com>
Source record: 200612

In article <4o59cc$jdn@que.iphase.com>, Wes Atchison <wes@iphase.com> wrote:
>Joe,
>
>Could you point me to the Simth Chart on Postscript?

I'm sure the only reason you didn't find it is because it isn't a "Simth" chart, it's a "Smith" chart. Go back to AltaVista and do a search for "Smith chart postscript" and links to a whole slew of copies pop up as easy as can be.

2900. Tempo S-1 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Richard Sherman <srichard@northnet.org>
Message-ID: <31A8D1C6.387A@northnet.org>
Source record: 200613

Hi All,
I have a Tempo S-1 HT with, I believe, a bad mic element. Does anyone out there know if I could use the RS mic element, or perhaps order one from Mouser with no problems. I have the service manual, but it gives no specs or even part number for the mic element. Any help would be appreciated.
Thanks,
Rick WZ2T NNY
srichard@northnet.org

2901. Tempo S-1 HT mic problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Richard Sherman <srichard@northnet.org>
Message-ID: <31A8D2BC.E94@northnet.org>
Source record: 200614

Hi All,
I have a Tempo S-1 HT with a bad mic element. Does anyone know if I can use the RS mic element in it. Or should I order one from Mouser or somewhere else. Any help would be appreciated.
Thanks in advance,
Rick WZ2T NNY
srichard@northnet.org

2902. Re: Ouch! I freaked out again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Ds12xD.7v4@netcom.com>
Source record: 200615

In article <acephotog-2505961518150001@ttycg.emi.net>,
Daniel L. Conklin <acephotog@emi.net> wrote:
>I can't believe I did this! I'm not sorry ... yet. I walked into my local
>Ham Radio store to buy a used 2m HT to hook up to my packet TNC, and
>somehow got talked into buying an ICOM IC-T7A dual band HT. I spent more
>than twice my budget. What can I do to avoid this in the future? I love
>gadgets! Help!
>
>--
>Dan Conklin acephoto@emi.net

Take your wife with you. You'll be lucky to come out with what you
originally had planned.

2903. 6146w's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Jonathan Kohn <leajen@paonline.com>
Message-ID: <31A8FB6F.34DB@paonline.com>
Source record: 200616

6146w's are just ruggedized versions of 6146b's and are direct
replacements. Jon N3ajb

2904. Radio Shack Prices Outrageous

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4oakgl$bip@ccnet2.ccnet.com>
Source record: 200617

I priced a 6146 B tube at Radio Shack. They want $39.00! For one tube. Antique Electronics has them for $13.90.

Don

2905. Re: FCC Public Notice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: casey@intac.com
Message-ID: <4oalbl$mao@uucp.intac.com>
Source record: 200618

In article <01bb485f.39647b00$c4111dcc@gfiber.halcyon.com>, Gary P. Fiber
<gfiber@halcyon.com> says:
>
>Well These types of notices usually mean some forth coming action from
>the FCC, we'll see if they tell the manufacturers to stop making the HF
>amateur radios capable of being opened up for all band TX.
>This may be the start of new enforcement action to control illegal
>operation of amateur equipment.
>
>
>
>PUBLIC NOTICE
>FEDERAL COMMUNICATIONS COMMISSION
>1919 M STREET NW
>WASHINGTON, D.C. 2055462882
>

This article explains that it is illegal to own equiptment that can
transmit out of the hambands???? That is insane! Well, guess I have
to destroy my HF rig and 2 meter transverter, unless we get an hf
band that is 4 MHz wide!

2906. tm-732 help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Mike <mrfinley@inav.net>
Message-ID: <31A912CB.10F9@inav.net>
Source record: 200619

Hi... say I have a 732 and it somehow was put in a demo mode...
this is when the display goes from the reg. display to one that flashes
enjoy-hobbie...and something else....I guess what I need is how
did I do this and how do you shut it off without resetting the
processor ....there was something i read about this in the mod info
but have missplaced that... is there a mod list some place up here
to look this up.... tnx mike kb0xl

2907. FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: thblazer@bright.net
Message-ID: <NEWTNews.833159337.590.thblazer@thblazer.bright.net>
Source record: 200620

To all !
Hello...I just got the FT-50R at Dayton also...I think I got the buy
of the day...Love the Radio..Nice features. Nice size too!
Looking for Mods to open it up...Appreciate any help... I have read in this
news group about itscapablities...or what can be expected..We hope... and I
am Interested in the Optional keypad ...to see if it is worth buying...

Thanks to all...I get lots of Great info from these postings...

2908. Re: Info needed on Vibroplex Kevers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Neal McEwen <nmcewen@metronet.com>
Message-ID: <31A92425.157B@metronet.com>
Source record: 200621

Greg Wittig wrote:
>
> Is there any info on how to date Vibroplex Morse keyers? I have two I believe
> are old both have grey basses one is a paddle type its serial number is 126433
> the other is a button type and it says Zephyre on the bottom.

For info on Vibroplex bugs check out my Telegraph WWW page shown below

--
73 de K5RW, Neal McEwen nmcewen@metronet.com - Richardson, TX (Dallas)
Telegraph Key Collector and Historian Web Page
http://fohnix.metronet.com/~nmcewen/ref.html

2909. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Brett Carter <carter@inetworld.com>
Message-ID: <31A92AC8.484@inetworld.com>
Source record: 200622

The Rat Shack DSP is alright for killing heterodynes,
great CW filter, but lousy at noise reduction on SSB.

$39 is a good price.

2910. Ten Tec 6m kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Gerry & Robin Lempicki <lempicki@psych.umass.edu>
Message-ID: <31A9197A.1EDA@psych.umass.edu>
Source record: 200623

Hi! Is anyone out there working on a 6m kit yet? I got mine last week and was psyched to go wild this weekend...unfortunately I ran into a problem. At the first test point, I am not able to change the frequency with the rotary encoder. Also, the tx led is on, the only one lit should be the simplex led. Resetting u8 doesn't do anything. I have gone over my work 4 times and can't find a problem...Has anyone else run into this problem? -Gerry

2911. Re: ** Yaesu FT-50R handheld dual-band problem!!!! Read this **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: tom.howley@moa.net
Message-ID: <4o9v2l$2se@mordred.cc.jyu.fi>
Source record: 200624

Does this mean the FT-50R has receive capability below 72MHz?

In article <4o22lj$s2n@news.ro.com>, rts@mail.ro.com says...
>
>The pll unlocks below 72MHz no matter how it is configured. Hardware or
Software.
>

2912. Re: ft-50r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: tom.howley@moa.net
Message-ID: <4o9v82$2se@mordred.cc.jyu.fi>
Source record: 200625

I've had this problem also. I considered sending it in/back but I love
its wide receive capabilities, I just cant do without!.

Sometimes voice comms will make the unit vibrate also, it is pretty
annoying. I hesitate to take it apart any further than to do the TX
mod, Ill probably end up with worse vibration after trying to fix it!

Tom

In article
<Pine.SOL.3.91.960523085618.18480A-100000@mallard.duc.auburn.edu>,
longmim@mail.auburn.edu says...
>
>Hello everyone, I just recently purchased an FT-54r and am so far very
>happy with it. However, I think I have a problem with the beep
>function. The beeps soudn VERY distorted through the speaker. Has
>anyone else had this problem? I can turn the volume down to the point
>where I can barely hear them, then they sound fine. Anyone have this
>problem?
> michael long
>
>"The World is an illusion created by a conspiracy of our senses."
>
> -Roger Penrose
>
>

2913. Re: FT50-R Yaesu: NO FIX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: tom.howley@moa.net
Message-ID: <4o9vbh$2se@mordred.cc.jyu.fi>
Source record: 200626

I'm VERY interested. BTW I am sort of new to the hobby, how do I get
the service manual and supplement? Do I have to call Yaesu, or order it
from the vendor I bought the radio from?

Tom N8LFZ

In article <31A3092A.73AD@hogsett.com>, jerry@hogsett.com says...
>
>Donald D. Davis, Jr. wrote:
>>
>> I agree with the folks who posted that advertised features should
work
>> as advertised, and the wide FM receive does not. I still like the
>> radio but I'm wondering...
>>
>> If it really is a matter of replacing a filter, wouldn't this be an
>> opportunity for some hardware mod guy? I'd be more likely to pay for
a
>> mod like that than $100 to have a solder bridge opened for wide band
>> receive or something. I have not found any compelling evidence that a
>> 75 KHz filter is larger than a 25 KHz filter. In fact, I would think
>> the opposite - a tighter filter may have more components. Just think,
>> by this argument a VERY wideband filter would be exceedingly large -
>> or maybe just a wire :-) . I'm not suggesting that a wire should be
>> used to bypass the filter, but that a wider filter may be very
>> possible. Of course, it's easier to talk about it than to do it. Any
>> hardware mod folks want to take on this challenge?
>
>The technical supplement finally came, and there's no evidence of a
discrete
>25 KHz or 75 KHz filter. I not so good with analog circuits, but it
appears
>that the Wide-FM switch single just switches in/out some RC components.
>Seems like these would be easy to modify. I suppose I could scan the
>schematic and post it if anyone's interested.
>
>--
>+--
>| Jerry Hogsett (home) jerry@hogsett.com |
>| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
>| (500)-G-HOGSETT http://www.hogsett.com |
>--+

2914. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: wa4pgm@moonstar.com
Message-ID: <NEWTNews.833116545.9326.wa4pgm@wa4pgm.moonstar.com>
Source record: 200627

In Article<4o9jv2$7lr@explorer.csc.com>, <dteague@csc.com> write:
> Path: news1.mnsinc.com!imci2!news.internetMCI.com!newsfeed.internetmci.com!in1.uu.net!ex
plorer.csc.com!explorer.csc.com!not-for-mail
> From: dteague@csc.com (Guy Teague)
> Newsgroups: rec.radio.amateur.equipment
> Subject: Re: Radio Shack DSP $39.00
> Date: 26 May 1996 08:48:34 -0400
> Organization: Computer Sciences Corporation
> Lines: 16
> Message-ID: <4o9jv2$7lr@explorer.csc.com>
> References: <4o72a8$hm@service-2.agate.net> <4o8e28$ec2@ccnet2.ccnet.com>
> NNTP-Posting-Host: explorer.csc.com
> X-Newsreader: TIN [version 1.2 PL2]
>
> T E I X E I R A (teixeira@ccnet.com) wrote:
> : back@maine.maine.edu (Jason Baack) wrote:
> : >Is the Rat Shack DSP unit any god? It is on clearance here for $39.00?
> : >Yes/ No?
>
> : I heard it was not bad. Well worth $39.00 but in Fremont, CA they are $34.00
>
> : Don AC6TG
> ---------
>
> I got one at the $39 price. So far I can't see any improvement over the
> standard filters in my IC706, but for that price, I'm sure I can find a
> use for it.
> --
> Cheers 73 de dteague@csc.com "They're out there" K Kesey
> Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa

I have one here as well and think it has a fairly good
CW filter and takes out carriers pretty good.
As far a SSB DSP it stinks !!!
Other than that for $39 you wont go wrong.
GL 73, Kyle

www.moonstar.com/~wa4pgm

Amateur Radio--Civil War--Kayaking--Nascar
Blue Ridge River Runners
Central VA Contest Club

2915. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4o8e28$ec2@ccnet2.ccnet.com>
Source record: 200686

back@maine.maine.edu (Jason Baack) wrote:
>Is the Rat Shack DSP unit any god? It is on clearance here for $39.00?
>Yes/ No?

I heard it was not bad. Well worth $39.00 but in Fremont, CA they are $34.00

Don AC6TG

2916. 6146B/6146W ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4o8e72$ec2@ccnet2.ccnet.com>
Source record: 200687

I have a Yaesu FT101ZD with the original 6146B tubes in it.
Question... I have a new set of 6146W tubes, will they work?

Don

2917. Opinion needed on dual band amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: John Kirby <jkirby@mcs.net>
Message-ID: <4o8hk5$clk@Nntp1.mcs.net>
Source record: 200688

I know of two mfg's of dual band amps (2m and 440), Mirage and R F Concepts, the Mirage has a max +/- 40 amp out with HT input of 1+, the R F Concepts output is only about 25 out at HT inputs, however RF has a unit with a pre amp.
Do you think the pre amp is worth sacrificing power for? I don't live in a fring area and the RF unit with the pre amp is also several $ higher in price.
The only time I think the pre amp would come in handy is when I am in the fring and this is what I would need the amp for anyway. I have been running my HT as a mobile using a Larsen dual band roof mount which has been working pretty good so far, but alittle more juice would come in handy at times, Any advice and/or experience appeciated. 73's KB9NLY.

John Kirby jkirby@mcs.net
St. Charles, IL _____
60174 A CITIZEN IN THE STATE OF YARAK

2918. Re: Need Motorola programing software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: twob@eagle.ais.net
Message-ID: <31a7daef.1968140@news.ais.net>
Source record: 200689

On Sat, 25 May 1996 23:29:01 GMT, egg117@carroll.com (Christopher
Anthony) wrote:

>dennism@cache.net (Eric) wrote:
>
>>Does anyone have programing software for Motorola radios. I bought some
>>radios and I need to program them.
>
>>73 de KC7BDT
>
>If you find out let me know as well. I though that programming
>motoral radio was illegal? Only authorized ressellers can?

Its not that reprogramming the radio itself is illegal. Its the fact
that you are doing it with unlicensed soffware. Motorola sofware can
only be purchased direct from apd, it cannot be resold once purcahsed
either. Give them a call, they will happily sell it to you, but they
make it $350 so that one one, other than a service shop, will buy it.

Motorola americas parts division: 800-422-4210

2919. Re: 6146B/6146W ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4o8j61$8vo@crash.microserve.net>
Source record: 200690

T E I X E I R A <teixeira@ccnet.com> wrote:

>I have a Yaesu FT101ZD with the original 6146B tubes in it.
>Question... I have a new set of 6146W tubes, will they work?

You may not get full output with the 6146W. It's rated at 25 watts
plate dissipation, VS 35 watts for the 6146B.

73,
Jack WB3U

2920. NEED CROSSBAND REPEATER INFO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <4o8nub$75r@ns1.iamerica.net>
Source record: 200691

Hello,
I need some plans to build a cross band repeater interface for a 10M
FM Mobile and a 2M FM Mob. Any info would be helpful.

Please email

dwhowell@iamerica.net

2921. Kenwood

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: mrdlj@halcyon.com
Message-ID: <4o8osr$1uo@news.halcyon.com>
Source record: 200692

TS 850S Wanted

2922. Re: C-528a Mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Sean Nixon <nixon@actrix.gen.nz>
Message-ID: <31A790AB.1580@actrix.gen.nz>
Source record: 200693

SDU wrote:
>
> I have a Standard C528 , can it be mods?? I hope some one can tell me,
> Thank You
> SDU

http://oak.oakland.edu:8080/pub/hamradio/mods/
is a good place to look for mods, here is what you want.
The C528 can be modded completely by button presses, I got
130-180 tx/rx 400-472 tx/rx
300-400rx 800-900rx
From: Young-Hoon Yoon <yoony@rpi.edu>

The Standard C520 or the C528 has tons of features.

TX/RX mod. Depending on the model(U.S. Japan, Europe) some of the
following
steps may be omitted.

First you must open up the RX. To do this

1. press VHF(144) button once to put the rig in the VHF side.
Then press Func-set then Func-ENT This will open up the rig for
extended
receive.
2. press UHF(450) button once to put the rig in the UHF side.
While keeping the function button pressed press the following
sequence
of buttons LAMP, SET, B, LAMP, 3. Once this is done 900 Mhz band
should
be open. To change bands press Func-Set, Func-3.
3. Once that's done now to open the TX part. Put your rig on VHF.
Change
your step size to 12.5, press CL(A) Press Func-8, Func-8, Func-7,
Func-7
Func-MS.M Now you should have the + sign with out the T and the
small
inverted triangle on the display. Set your frequency to 145.00 Mhz
Rotate the rotary knob and change the frequency to 144.9875. Press
Func-SET, Func-ENT then CL. Now your rig should be able to transmit
out of band. About 130Mhz to 176Mhz.

This mod will disappear once the rig is reset. If the rig's ever reset
you must do the mod sequence again.

==========

From: <U27387@uicvm.uic.edu>

This simple key-in sequence will enable the Standard 528 twin band HT
to receive out of band signals up 999MHz.
1) enter UHF side (UHF is main)
2) enter VFO mode
3) push F + L (function key + light key)
4) then F + 0 (function key + zero key)
5) next F + code (funtion key + code key)
6) then F + L (function key + light key (again))
7) next F + 3 (function key + three key)
8) then PTT (push to talk button)

Now your in! To change bands you have to press F + 0 followed by F + 3,
this is the toggle function. Each time you enter the F + 0 and F + 3
the receiver will jump bands. To get back to 440 (where you started
from)
keep using the toggle sequence.
If you did something wrong and the HT losses its mind DON'T PANIC! Just
push the microproc. reset button. I have done this keyboard entery mod
to
my HT and it works. The sensitivity isn't great, but you can pick up
any-
thing that has a strong signal.
This information was obtained from the local Standard representitive in
Chicago.

==========

From: Lawrie.Brown@adfa.oz.au
I too have a Standard C528 (as do quite a few of the other local
amateurs
here), and I'm very happy with it. In addition to the sequence you gave,
there is also a (longer) sequence which enables wide-band transmit (how
wide I don't know as I've no need to use it). There are also quite a few
additional functions available off the keyboard from those documented.
Appended below this is a table (which I keep as an Excel spreadsheet),
listing the various functions in rather abbreviated form - I'd be very
interested in learning about any others.

Note the extra memory channels - there are actually 20 on each band, the
upper 10 are accessed as shown below (accesed with a F+A prefix key,
and displayed with a bar over the number). You can't use them in band
scanning, but apart from that they function as normal memories.

Standard C528 Keystroke Cheat-sheet
Key\Seq key F+key Set,key Set,F+key
---
0 0 Set / Scan mode Mute beep Set freq
limits
1 1 PTT Lock # Pager beeps 2sec xbRPT
delay
2 2 Dual Operation 1 kHz entry Tone scan

stop
3 3 TX Power Pager TX delay UHF band
switch
4 4 Freq lock Squelch mute 4 digit
entry
5 5 Battery save Auto Power save Mute pager
audio
6 6 Tuning step Rotary enable in FL 1MHz step
7 7 Tone coder on/off Set Tone freq DTMF single
tone
8 8 Repeater mode Set Offset freq Crossband
RPT
9 9 Reverse mode LAMP is REV 10MHz
up/down
* PS step DOWN Dial/Tone Scan DTMF Clone
# SHIFT step UP Memory freq shift
Call Tone burst
A CL Cancel
B PAG Page on/off Page code set/show
C MS MS.M Mem scan MS.M set/scan
D V/M ENT Mem<->Dial Memory set
VHF VHF main VHF only
UHF UHF main UHF only
LAMP Lamp on/off Lamp toggle
SQL OFF Squelch off sub-band sql off

Other Key Sequences

Wideband RX: Reset, VHF, F+0, F+D, PTT, UHF, F+L, F+0, F+B, F+L, F+3,
PTT
Wideband TX: VHF, F+6, PTT, F+8, F+8, F+7, F+7, F+C, rotate down 1,

" F+0, F+D, PTT, F+8, F+C, F+0, F+4 (F+0, F+3)*4
Set Upper 10 Memory channels: F+D, F+A, num

The 520/28 is very flexible capable
of TX RX on 122.825 to 176.800MHz
and 328.000 to 473.125MHz.
And RX only on 820.225 to 972.500MHz.
The following are not in the owners book.
F=FUNC L=LIGHT

There are two ways to set Rx wide band
if you press reset you will need this
(A)
1 F + VHF
2 F + 0
3 F + D
4 RELEASE F
5 PRESS UHF

6 F + 0
7 F + D
8 F + L
9 F + B
10 F + 3
11 F + 0
12 F + 3
13 F + 0
14 F + 3
15 F + L
TO CANCEL RESET?

(B)
1 F + 0
2 F + D
3 PTT ON 145.00MHz IS DISPLAYED
4 PRESS VHF
5 F + L
6 F + 0
7 F + B
8 F + L
9 F + 3
10 PTT ON 433.00MHz IS DISPLAYED
TO CANCEL RESET?
THE RX IS NOW WIDE BAND
FOR TX CONTINUE BELOW

TX WIDE BAND PROCEDURE
1 VHF
2 F + 6
3 CHANGE FREQUENCY STEP FROM 10KHz
TO 12.5KHz BY ROTARY SELECTOR
4 PTT ON 145.00MHz IS DISPLAYED
5 F + 8
6 F + 8 CONFIRM T AND + IN DISPLAY
7 F + 7
8 F + 7
9 F + C
10 SET 144.9875 BY ROTARY SELECTOR
11 CONFIRM THE SMALL 75 ON DISPLAY
12 F + 0
13 F + D
14 PTT ON
15 F + 8
16 F + C
TO CANCEL RESET?

TO TOGGLE BETWEEN 3-400 AND 8-960 MHz
1 SET MAIN BAND TO UHF
2 F + 0

3 F + 3

DIRECT 4 DIGIT KEY INPUT
1 F + 0
2 F + 4
DISPLAYS A . BETWEEN 2nd AND 3rd DIGIT
TO CANCEL REPEAT ABOVE

---

10 MHz SHIFT BY UP/DOWN KEYS
1 F + 0
2 F + 9
TO CANCEL REPEAT ABOVE

---

40 CHANNALS MEMORY

There are 2 memory channels per memory number on VHF and UHF. They can be
used in 2 ways.
(A)To provide programble RX TX frequencies
(B)To double the simplex channels available
(A)
1 SELECT RX FREQ (VFO MODE)
2 F + D
3 PRESS MEMORY NO TO BE PROGRAMMED
4 D
5 SELECT TX FREQUENCY
6 F + D
7 F + THE MEMORY NO TO BE PROGRAMMED
+ - will appear indicates that memory channel is in split frequency mode
Once a memory is in split mode it cannot be changed back to a single
memory unless its programmed as a extra channel (see below) or reset

F + 9 WILL SWAP RX AND TX

(B) Extend to 40 memories
Program first 10 memories in each band to program additional 10 memories
1 SELECT FREQUENCY (VFO MODE)
2 F + D _
3 F + A AN M WILL APPEAR
4 PRESS MEMORY NO TO BE PROGRAMMED
To recall extra memories use rotary control in memory mode or enter memory
mode and press
F + A
THE M AND BAR APPEARS PRESSING
0 to 9 will recall ex channels the ex channels can have rep shift
and ctcss tones but value will be the same for both channels in one
memory

DTMF CLONE
COPYS YOUR SETTINGS TO ANOTHER 520/28

TUNE BOTH RADIOS TO SAME FREQUENCY
1 B P IS DISPLAYED
2 B C IS DISPLAYED
3 F + 0
4 F + PS
5 PTT ONLY ON THE RADIO THAT CONTAINS THE MEMORY DATA
A series of tones will be heard for approx 2 minutes the radio memorys
will now be identical

DTMF SINGLE TONE
1 F + 0
2 F + 7
TO CANCEL REPEAT ABOVE

MUTING THE AUDIO OUTPUT OF PAGER
1 F + 0
2 F + 5
TO CANCEL REPEAT ABOVE

TONE SQUELCH SCAN STOP
1 F + 0
2 F + 2
TO CANCEL REPEAT ABOVE

H.H.TRANSPONDER SUB BAND TO MAIN
1 F + 0
2 F + 8
A . APPEARS TOP RIGHT OF MEMORY NO
TO CANCEL SET SUB BAND ON CLEAR FREQUENCY BY ROTARY SELECTOR AND PRESS
UHF OR
VHF

TOGGELS BETWEEN 100KHz AND 1MHz STEPS
ON ROTARY SELECTOR WHEN FUNC IS PRESSED (FAST TUNING RATE)
1 F + 0
2 F + 6

SET FREQUENCY LIMIT ON EACH BAND
1 F + 0
2 F + 0

SET TX HANG DURING TRANAPONDER FUNC
1 F + 0
2 F + 1

Be very carfull with the h.h.transponder
and wide band tx func.

G7IED @ GB7FCI

==========

From: <U27387@uicvm.uic.edu>
Subject: Standard C528A receiver mods (999MHz)

To enable the Standard twin band HT to receive way out of band enter the
following key-board sequence.
First enter UHF side (UHF main)
then enter VFO mode, now follow these steps..
1) press F + L (function key + light key)
2) press F + 0 (function key + zero key)
2) press F + code (function key + code key)
3) press F + L (function key + light key (again))
4) press F + 3 (function key + three key)
5) " " PTT (push to talk button (will not xmit))

now press the F + 0 (function key + zero key) and the F + 3 (function
key
+ three key) to toggle bands. i.e. you are starting out at 440MHz,
push
the F + 0 and F + 3. Now you should be at 840MHz. If you want to get
back to 440MHz keep pushing the toggle sequence and your wish will come
true.

==========

Hi All,
another mode from Elio IK4NYY.
I would like to thank him for the mod plus a very big Thanks to Steve's
(G8SFR)
Xyl Alison for retypeing out the mod for me into English.
This has been sent mainly as a guide and that i can not be of any help
if you
run into trouble, but i bet there are more tec minded people that can
help
you.

De Steve G0OMM @ GB7OMM.#34.GBR.EU

With this simple mod, you can upgrade your Standard C520/528 using
rechargable batteries without having to spend a lot.
You will need to get 6 rechargeables of 600\700 mah, a resister of 33ohm
2 watt
and two diodes of 1 amp type 1N4004.
Start by taking off the outside cover. To open the transceiver, you
need to
remove the small metal plate where you will find the battery pack
held in
place by 4 little screws, the cross-headed screws mounted laterally
on the
back.
It's all you have to do, the transceiver will open.
Carefully open the two parts holding together from the flat cable
upon which

half you should find the finger control/keyboard and a long wire approx
7 cms.
You can't miss it, it's the only wire there is.
Now, from the point where this is soldered onto the lower, bottom part
of the
transceiver, solder a small piece of wire about 3 or 4cms.
The other end should be soldered to the PCB where there is a
large/fat/wide
soldered little square (PCB Track?) which also cannot be missed
tacking as
orientation the connector from the external power supply: The said
little
square stands on its own and with this the mod on the inside of the
apparatus
are complete and can now recharge them

Now let us look at the battery pack (Model CBT 151).
Open the two parts and take out only that one where you see the
sign +
(positive).
Note where the first battery is, its positive pole resting on the
little
metallic tab(tongue) having the shape and the characteristics of a
corner
angle slipped off from its housing towards the top.
Do not worry, it is only fixed in and divides with cutters in the middle
of the
corner/angle.
Be careful when separating with the cutters, The two parts may tend
to fall
apart, thus, if you are not careful you can lose a piece.
If this happens, do not worry , but be very careful that this does not
happen.
Take the smallest piece, namely that which is mounteed next to the +
symbol and
solder on top of the terminals the two diodes in series opposite in
between,
namely an anode and a cathode.
Mind that the pieces of the terminals are chromed metal, ie, on the
point when
you intend to solder the join, it is necessary you clean in a bit first
with a
thin sanding paper, solder it and try to slide it away; you can also
help by
using some soldering flux such as a deoxydising one.
Do this soldering, solder the diodes to the very edges of the resister
(divie
the leads furthest most extreme side k cathode diod-resistance).

Now remount the first piece on the capaciter moulded sockets of
resistor of 33

ohms and diodes so that they can be fixed in the restricted space at
the side
of the first battery.
Also replace the other piece of the metal tab onto place and solder it
on top
of the terminal along the resister (on to which is attached :- A anode
of the
diode.
That is basically it.
One last thing, make absolutely sure that there exists no kind of
electrical
contact from the two metal tabs from your solders.
Mount on the battery carriers the six rechargeable batteries, check
again the
whole thing and connect on the switch of the external feeder/power
supply a
voltage of 10 to 12 volts and let the batteries charge up.
The apparatus can then work on batteries and with the power
supply; When
working with the latter, The batteries will just charge up, In spite of
all the
modification...

==========

From: dplumb@cix.compulink.co.uk (Dave Plumb)

Standard C520/C528 Modifications
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
This file is a compendium from to others being bandied about the place.
It
is hoped this will be the better of them, being the easiest to follow!

o To open up the rx only up on the unit on VHF:
VHF F+0 F+D

o To add 320-400MHz, 400-480MHz, 820-900MHz, 900-980MHz:
UHF F+L F+0 F+B F+L F+3 A

o To Expand Tx/Rx coverage, do both the above in that order, then:
VHF F+6 change step to 12.5MHz A
F+8 F+8 F+C
Tune down to 144.9875
F+0 F+D PTT F+8 F+C

o To Store independent transmit/receive frequency in one channel:
Enter receive frequency into dial
F+D <mem number>
Enter transmit frequency into dial
F+D F+A F+<mem number> A

o To Clear the tx assignment offset:
F+D F+A <mem number>+A F+A A
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

o To Clone one set to another:
B B F+0 F+PS then key up on the set to clone from

Set mode key assignments:
The set mode allows a number of user parameters to be customised
according
to individual taste. Set mode is initiated by pressing F+0. The
following
are entered after going into set mode:

0 Turns off the beep tones on each keypress
F+0 Sets band edge limits, i.e. 0079=100-179, 400-479. 3060=130-160

1 Changes count of paging operations tone, one beep or 5
F+1 Set tx delay on carrier drop when using as cross-band repeater

2 Enables entry of the 1kHz figure on direct keypad entry
F+2 Stop scan on busy channel even if CTCSS doesn't match

3 Sets mod delay on paging Tx to either 450ms or 750ms
F+3 Switch UHF bands between 300/400/800/900

4 Mutes short noises during squelch operation
F+4 Keypad entry of 4 digit or 3 digit frequency

5 Turns on and off the auto power off function
F+5 Pager Audio Mute (effectively disables pager)

6 Enable/Disable the rotary channel knob when keypad locked
F+6 Fast tune (F+KNOB) gives either 1MHz steps, or 100kHz

7 Sets the CTCSS tone frequency
F+7 Either Dual Tone Multi Frequency, or Single Tone Frequency

8 Sets the offset repeater frequency
F+8 Cross Band Repeater Enable/Disable (Identified on display by a
".")

9 Changes the LAMP button into the REV button
F+9 Up and Down keys either act as the knob, or as 10MHz steps.

Quick Chart:
/---\
| Standard C520/528 - Keypad Guide
|
|---|
|Key| Alone | With "FUNC" key | Key alone in set |In Set With "F"
|
|---|
| 0 | 0 |Enter Set Mode |Mute keypad bleep |Set Band Edge
Limit|
| 1 | 1 |Disable Transmitter |1/5 beeps when paged|Tx wait on c-b
rept|
| 2 | 2 |Dual Watch Operation|1kHz entry on keypad|CTCSS Scan Stop
|

```
| 3 | 3 |Select Output Power |Tx Delay on repeater|Switch UHF
Bands |
| 4 | 4 |Frequency Lock |Mute during squelch |4/3 digit
direct fr|
| 5 | 5 |Battery Saver Mode |Automatic powr off |Pager Audio
Mute |
| 6 | 6 |Select Step Size |Enable tune in lock |Fast tune
1MHz/100k|
| 7 | 7 |CTCSS select TX/RX |CTCSS tone frequency|Single/Dual
tone MF|
| 8 | 8 |Repeater Shift +/- |Set Tx/Rx split freq|Cross Band
Repeater|
| 9 | 9 |Reverse Split |Make LAMP button REV|Up/Dn keys do
10MHz|
| * |Step Down|Search 1MHz band | |
|
| # |Step Up |Memory Shift | |
|
| A |Cancel | | |
|
| B |Pager On |Set Pager Codes | |
|
| C |Mem Scan |Partial Memory Scan | |
|
| D |Dial/Mem |Store Dial In Memory| |Extend RX
coverage |
|VHF|Tx VHF |Enable VHF Only | |
|
|UHF|Tx UHF |Enable UHF Only | |
|
|-------------------------------------------------------------------------|
| To expand Rx coverage only
|
|-------------------------------------------------------------------------|
| VHF F+0 F+D
|
|-------------------------------------------------------------------------|
| To add 320-400,400-480,820-900,900-980
|
|-------------------------------------------------------------------------|
| UHF F+L F+0 F+B F+L F+3 A
|
|-------------------------------------------------------------------------|
| To Expand Tx and Rx coverage:
|
|-------------------------------------------------------------------------|
| VHF F+0 F+D A ; Extends RX coverage
|
| UHF F+L F+0 F+B F+L F+3 A ; Gives 300/800/900MHz
|
```

```
| VHF F+6 step to 12.5MHz A ; This appears to set a special
condition |
| F+8 F+8 F+C ; within the unit which is stored with
F+C. |
| tune down to 144.9875 ; All params must be correct for it to
work |
| F+0 F+D PTT F+8 F+C ; And Store it
|
|-------------------------------------------------------------------------|
| To store independent transmit and receive frequency in one memory
channel |
|-------------------------------------------------------------------------|
| Enter receive frequency into dial
|
| F+D <mem number>
|
| Enter transmit frequency into dial
|
| F+D F+A F+<mem number> A
|
|-------------------------------------------------------------------------|
| To remove independent transmit frequency from memory
|
|-------------------------------------------------------------------------|
| F+D F+A <mem number>+A F+A A
|
|-------------------------------------------------------------------------|
| To clone one set to another
|
|-------------------------------------------------------------------------|
| B B F+0 F+PS on both sets, and PTT on the one to clone from
|
\-------------------------------------------------------------------------/
```

==========

From: dplumb@cix.compulink.co.uk (Dave Plumb)

the mod for the C528
it's:

VHF F+0 F+D UHF F+L F+0 F+B F+L F+3 A

The "L" is the light, F+L means press function, and while pressing
function,
press the "Light" button. The above sequence opens up the set for rx
for all
limits.

2923. Re: Ouch! I freaked out again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: wrap@euronet.nl
Message-ID: <wrap.32.0005C8EA@euronet.nl>
Source record: 200694

In article <acephotog-2505961518150001@ttycg.emi.net> acephotog@emi.net (Daniel L. Conklin) writes:
>From: acephotog@emi.net (Daniel L. Conklin)
>Subject: Ouch! I freaked out again!
>Date: Sat, 25 May 1996 15:18:15 -0400

>I can't believe I did this! I'm not sorry ... yet. I walked into my local
>Ham Radio store to buy a used 2m HT to hook up to my packet TNC, and
>somehow got talked into buying an ICOM IC-T7A dual band HT. I spent more
>than twice my budget. What can I do to avoid this in the future? I love
>gadgets! Help!

>--
>Dan Conklin acephoto@emi.net

Hello Dan,
Only two ways to avoid this:
1 : get married, or
2 : get arrested

Believe me,if have had it all before,Ham radio is as addictive as heroin.
Greetings and good luck,...
Jim Wilson

2924. Ten-Tec OMNI 6-Radio controlled software?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: n7ahn@ix.netcom.com
Message-ID: <4o8ru0$rhp@dfw-ixnews7.ix.netcom.com>
Source record: 200695

What are folks using to control there OMNI 6?I tryed CT using the icom
735 didnt work,called Ten-Tec they said maybe i have a serial number
that needs a cap removed.Any info would be appreciated
steve n7ahn@ix.netcom.com

2925. LOOKING FOR 2-220-440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: "dr. personality" <docp@california.com>
Message-ID: <Pine.BSI.3.93.960526013437.2532Y-100000@global.california.com>
Source record: 200696

I am looking for some 2 meter + 220 + 440 gear. Being I am on limited
funds I can't expect much. Being medically depended on others is a real
pain. however if you know where i can obtain a radio pleae let me know.
thakns
73's
KE6SSO

2926. FT1000MP CAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: bduxbury@zetnet.co.uk
Message-ID: <4o963e$uqf@roch.zetnet.co.uk>
Source record: 200697

Does anyone know if CAT software exists yet for the 1000MP ? I am
using Turbolog which allows a limited link from and to the PC, but
does not support thr full 1000MP facilities.--
Barry Duxbury
bduxbury@zetnet.co.uk
100031.2223@compuserve
G4GAH Oxford UK

2927. What kind of antenna is this?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: hturn@pelican.davlin.net
Message-ID: <31a81da3.23755608@news.davlin.net>
Source record: 200698

I have just aquired a military antenna and I was wondering what
exactly I have. It seems to be a very large mobile antenna.

It consists of the bottom (base) which is about 24 inches long and 3
inches in diameter painted green. N type connecter on the side about
9 inches from the bottom. Stamped on the base is the following:

ANTENNA AT-1062/G
ORDER NO. 40512-PM-60
MOTOROLA INC. SER.NO. 1

Yes ser.no. 1.

After the base is a very heavy steel spring. Then comes 24 inches of
half inch aluminum tube on the end of which is a compression nut where
a whip such as a 102 incher would fit.

Any ideas as to what I have aquired?

Does the N type connector indicate that this is a VHF or UHF antenna?

Let me know if you have any ideas I am tempted to disasemble the base
but don't dare to now.

Thanks Hank.
hturn@pelican.davlin.net

2928. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4o9jv2$7lr@explorer.csc.com>
Source record: 200699

T E I X E I R A (teixeira@ccnet.com) wrote:
: back@maine.maine.edu (Jason Baack) wrote:
: >Is the Rat Shack DSP unit any god? It is on clearance here for $39.00?
: >Yes/ No?

: I heard it was not bad. Well worth $39.00 but in Fremont, CA they are $34.00

: Don AC6TG

I got one at the $39 price. So far I can't see any improvement over the
standard filters in my IC706, but for that price, I'm sure I can find a
use for it.
--
Cheers 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa

2929. FT480R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: jrayol@manaus.pegasus.COM.BR
Message-ID: <31A8544C.1B38@manaus.pegasus.com.br>
Source record: 200700

Hello Friend
Can someone help me with mods for the Yaesu FT480R multi-mode radio?
Thanks for anything...
73's de PP8KWA.

jrayol@manaus.pegasus.com.br

2930. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4o9mtl$881@nnrp1.news.primenet.com>
Source record: 200701

Guy Teague <dteague@csc.com> wrote:

: I got one at the $39 price. So far I can't see any improvement over the
: standard filters in my IC706, but for that price, I'm sure I can find a
: use for it.

I got one for $34.95 for the sole purpose of eliminating
heterodynes on 40m SSB. It seems to work for that purpose.

73, Cecil, KG7BK (W6RCA soon), OOTC

2931. Kenwood TM-241A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: chrisv@valteck.com
Message-ID: <4o9nps$89m@news.inforamp.net>
Source record: 200702

Does anyone know how to remove the restrictions on the radio so you can transmit on all the freq. you can recieve on ? It's really annoying to be able to recieve all those freq but to be able to transmit on only a select few. I know there is a reason for the restrictions, but I am not sure what it is :)
Thanks in advance
Chris Valliant

2932. Re: FT900 reliable?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Dave Maley <dgmaley@inav.net>
Message-ID: <31A86C1B.56C7@inav.net>
Source record: 200703

charles copeland wrote:
>
> I've been pondering what HF moobile to purchase. The Yeasu FT900
> looks best, but two hams in my area have had to send their
> FT900 in for repair multiple times.
>
> Are FT900's reliable?I had a problem with my FT-900 out of the box. The CPU was so scrambeled
it wouldn't work. Had to have the dealer talk me through a complete
restart. No problems since. Dave. WA0ZZG.

2933. Th 79 AD Mod's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Ryan Workman <rworkman@net2.intserv.com>
Message-ID: <31A87AC1.7DA1@net2.intserv.com>
Source record: 200704

Does anyone have any mod's for this handheld?

2934. kenwood ts850s problem ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: f1jrb@aol.com
Message-ID: <4o9udi$6iv@newsbf02.news.aol.com>
Source record: 200705

hello from france .

i want to buy this transceiver .
please what is your opinion of this transceiver ??
what is the modification possible (all) ???

thanks for the reponse f1jrb@aol.com

2935. Motorala Micor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: johnestein@mcn.net
Message-ID: <4oa2h0$bf6@news.mcn.net>
Source record: 200706

Hi! I have a fellow ham who's picked up an old Motorala Micor. He's looking for any kind of a manual with schematics . The only information he has is off the radio itself.

FCC Xmtr Data : CC 3161

Model T83RTA1404BA

S/N 203CDE4804

We have no idea what range the radio is designed to operate in. His plans are to modify it to operate in either the 2 meter range or 7 cm. range. I'm not sure but I think he wants to use it for a repeater.

He'd be grateful for any info.

You can email me at : johnestein@mcn.net as well.

Thanks!
John
KC7MRY

2936. Re: Ten-Tec OMNI 6-Radio controlled software?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: Ed Guzis <EdGuzis@pop3.cris.com>
Message-ID: <4oa3ic$i7e@tribune.concentric.net>
Source record: 200707

n7ahn@ix.netcom.com(Steve Massey) wrote:
>What are folks using to control there OMNI 6?I tryed CT using the icom
>735 didnt work,called Ten-Tec they said maybe i have a serial number
>that needs a cap removed.Any info would be appreciated
>steve n7ahn@ix.netcom.com

Steve, There is a Ten-Tec Reflector that might have some answers for you. All messages from the Reflector are archived. You can get to both at <www.akorn.net/hamradio/> .... good luck.

Ed Guzis W9TW <EdGuzis@pop3.cris.com>

2937. Whats an HQ129-X worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: mreiney@hevanet.com
Message-ID: <4oa4p1$ome@vista.hevanet.com>
Source record: 200708
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap

I've got an ancient Hammarlund HQ129X receiver to take to the swapmeet this weekend. What is such a beast worth in working but not perfect cosmetic condition?
Thanks, miker

2938. Re: Heil Pro headsets?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4oa6lo$ouu@crash.microserve.net>
Source record: 200709

bduxbury@zetnet.co.uk (Sir Barry Duxbury) wrote:

>In summary the HC 5 is a very good product which is suitable for all
>operating... in the case of short range QSOs on 80 meters then maybe
>I would prefer the additional roundness provided by my desk mic.

That's also been my experience on the air. Listening to operators
in A-B tests, the Heil mics always sound less natural and more
strident than the typical desk mic. I wouldn't even consider one
of these except for contesting and dedicated DX'ing.

73,
Jack WB3U

2939. Re: Schematics/Parts list for Ramsey 2 Meter Kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: bobz@b.imap.itd.umich.edu
Message-ID: <4oa76g$p4a@lastactionhero.rs.itd.umich.edu>
Source record: 200710
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.swap

Brian Oblivion <oblivion@l0pht.com> wrote:

>Greetings,

>Has anyone built the Ramsey 2 Meter Kit and still have the Schematics/
>Parts List still around? I just picked one up at a Hamfest for dirt
>cheap so it's worth it for me to try and repair it. One component is
>fried beyond recognition, hence my need for the schematic/list.

>I'd really like to fix this rig. The exact part number of this rig is
>either RK-FX146 or RK-FX220. I'm sure the cicuitry is close enough
>for either part number.

>Thanks.

>Brian
>oblivion@l0pht.com
I just built Ransey's 2 meter Fm receiver kit model FR-146. I still have
the book and drawins.

2940. qst reviews

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-26 00:00:00 UTC
From: poco@nervm.nerdc.ufl.edu
Message-ID: <poco-2605961451480001@ppp-06-nerdc-ts14.nerdc.ufl.edu>
Source record: 200711

Anybody know if/where qst reviews might be found on-line? Tnx in advance.

Gary
KA9RAO

2941. Selling

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: schmooze@msn.com
Message-ID: <00001fed+000032db@msn.com>
Source record: 200462

Kenwood TS 440 at Ps 50 DC Power Supply
Keenwood 742 FM 2 meter & 440

Best offer Send reply to Schmooze@msn.com

2942. RE: Radio Shack Prices Outrageous

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: schmooze@msn.com
Message-ID: <00001fed+000032dc@msn.com>
Source record: 200463

What do you think Radio Shack stands for?
Needless Markup""""""""""""
If i were you, I would'nt touch the place, i purchased htx 202 2
meter fm Broke 5 x's and still not opperating, then i bought a
voltage meter, it was about a week to break, they said it was faulty,
from the manufacture, who's the manufacture?? Any over sea's Company
that is willing to sell their wares, specially when their inferior
quality""""""""""""" That's Radio Shack"""""""

2943. Re: IC-781 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Jim Nance <jnance@one.net>
Message-ID: <31AA52CB.7447@one.net>
Source record: 200464

Larry I know of none. Only problem I am aware of is a conponent in the PS that could come loose during shipping and this was the very early models.

73 de KE4WY

Larry Harding wrote:
>
> James Brannigan wrote:
> Does anyone have the mods for Icom 781s.

2944. Wanted: Alinco 1200 service manual or help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: bodoh@dakota.net
Message-ID: <4oc7p5$3cp@server2.dakota.net>
Source record: 200465
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello,

Yesterday when I turned on my Alinco 1200, it seemed to be dead but on closer inspection the radio worked OK but all of the panel lights are out. Actually when I first turned it on, one of the lights seemed to be on, but very dim and later all were out.

I would be willing to buy a service manual if anyone has one. If anyone would be willing to share their knowledge/experience or look up what I need that would be good too. Is there a micro-fuse inline with the panel LED's? Are they connected in series so that if one is out, they all go out? Has this happened to anyone else? I took it apart but could not spot any problems. Everything else seems to work. Please Email rather than post responses. Thanks...

Tom, N0YGT

2945. Re: Alinco DR-130T MOD Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Steve Dobak <sdobak@prolog.net>
Message-ID: <31AA3F61.23EE@prolog.net>
Source record: 200466

N9MXT1 wrote:
>
> Hello,
> I am a member of a local EMERGENCY MANAGEMENT AGENCY and I just
> picked up a Alinco DR-130T and want to know if anyone has any mods for
> this
> radio?? I would like to be able to transmit on it for my EMA group on
> 154.770
>
> So, if anyone out there has any mods for this radio please let me
> know...
>
> Thanks all and hope to hear from you
> soon
>
> N9MXT1 - Jeffrey
If I remember correctly, copy down all your memories as you will lose
them, then take the top off the radio, you will find a obvious wire loop
blue I believe, maybe red, going to the front panel cut that wire turn
on and reset the radio you are all set then, reprogram the radio.
----steve wb3amg-----

2946. DFjr radio direction finder, frequency selection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Crum <crum@xmission.com>
Message-ID: <31AA4227.51A6@xmission.com>
Source record: 200467

The DFjr sounds pretty cool, but even after reading the web pages
in detail, it is not clear to me how one selects the frequency that
the DFjr listens to. I don't see any frequency selection user
interface. It doesn't require a radio to be connected to it,
does it?

The web pages I'm talking about are:
http://home.navisoft.com/agrelo/page11.htm
http://home.navisoft.com/agrelo/page20.htm

2947. Info on Icom R-70 receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: monteserin@isid.es
Message-ID: <4odet2$gv0@asia.isid.es>
Source record: 200468

Hello, All..

My name is Manuel, I'm,46 years old,electronic engineer from Madrid (Spain)
I'm very interested in obtain part's list of the optio
nal FM detector module for Icom IC-R70 receiver...
Anyone can help me, please..?

(Yes, is a 10/12 years old model but..I like it!!)
In Spain, it's very difficult for me to obtain these info, I can't purchase
these FM detector sub-assembly
and want to make it (hand made, off course..)

Thanks in advance for your collaboration and 73's & DX

My e-mail address is: monteserin@isid.es

PD: I apologize for my not so correct english writting.
SALU2 1000

2948. Re: Smith Charts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4oddo5$cqc@itnews.sc.intel.com>
Source record: 200469

source@netcom.com (David Harmon) wrote:
>I'm sure the only reason you didn't find it is because it isn't a "Simth"
>chart, it's a "Smith" chart. Go back to AltaVista and do a search for
>"Smith chart postscript" and links to a whole slew of copies pop up as
>easy as can be.

I must have missed a posting. Is AltaVista a server? like AltaVista.com?

thanks, Cecil, KG7BK, OOTC (not speaking for my emoplyer)

2949. Re: DFjr radio direction finder, frequency selection

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Crum <crum@xmission.com>
Message-ID: <31AA4472.665C@xmission.com>
Source record: 200470

Right after I clicked on "Send" to post that article,
I saw that the answer to my question was right at the top
of one of those web pages I referenced. It says
"Using your reciever, the DFjr can locate FM radio signals..."
Oh well. Boy, news.xmission.com can sure posts messages
quickly when you don't want it to.

2950. FS PACKET stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Mikie A <elhippo@concentric.net>
Message-ID: <31AA50E0.7E8E@concentric.net>
Source record: 200471

Lo budget packet stuff. FOR SALE, AEA CP-1 "Computer Patch" RTTY ASCII MORSE BAUDOT & MORE computer interface with all software and documentation for use with Commodore 64 or 128 $75.00. Works in XMIT and RCV but also good for receive only SW or scanner. Also have the 64/128 with many, many extras if you need those too. Reply to e-mail address above. Near SF / CA. Thanks.... MikeyA

2951. ALINCO DJ-G1 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: gulliver@skull
Message-ID: <4od4ma$sgt@master.di.fc.ul.pt>
Source record: 200472

Hi!
I'm searching for some of the key sequences that this device has to unlock
special functions.
If anyone knows some please e-mail me to the above address, or send it to this list if you
think this subject might be of general interest!
Thank you in advance
Best
Pedro
73, 51 from CT2FYW

--
+---+
Pedro Gabriel Almeida
e-mail : gulliver@cc.fc.ul.pt
fax+data+voice : +351 1 938 88 60 28800/14400 8N1
CB : CALIMERO (CQS8351) CH26 FM
HAM : CT2FYW
... e sempre que o Homem sonha,
o mundo pula e avanca ...
Antonio Gedeao
____

2952. KENWOOD TH-79, YAESU FT-50 & FT-51R HANDHELDS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: dm@millennium.co.nz
Message-ID: <4oe3c1$h7c@news.express.co.nz>
Source record: 200473
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

I am considering purchasing either the TH-79, or FT-50/51 handheld transceivers.

I have been led to believe that the TH-79 suffers from intermodulation problems in built up areas.

Does anyone have any comments/recommendations on which one to buy?

2953. Re: test, do not read

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: KD6FYK <kd6fyk@wco.com>
Message-ID: <31AA9AB6.7039@wco.com>
Source record: 200474

EDANDSUSAN wrote:
>
> test
> edandsusan@aol.com (Ed Tilley, KE4WXY)
>
> "Opie, just think how far Einstein would have gone if he hadn't dropped
> out of high school"
>
> B. Fife, 1965
>
> collage?

2954. Ic-729 Mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: max@tvol.IT
Message-ID: <199605271929.VAA05639@alessia.tvol.it>
Source record: 200475

I have a Icom Ic-729 HF RTX, and i would like to know how to allow
wide-rx/tx coverage. All i know is about a strange diode cut, D8 in PLL
unit, but i feel it wrong that diode belows to a -5V supply circuit.
Anyone knows anything for Ic-729 (a part the described mod) ?
Many thanks in advance for any reply.
'73 from Max IK3SVW (max@tvol.it)

2955. .

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: dxg358@castle.NET
Message-ID: <199605271616.MAA28769@lance.castle.net>
Source record: 200476

```
help
```

2956. Ignition noise problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: msl@nauticom.net
Message-ID: <4o3ae3$gbs_001@net8.nauticom.net>
Source record: 200477

I have a 1988 Chrysler LeBaron which I can't seem to "quiet down".
The ignition noise is so bad that HF operation with the engine running
is impossible. It even is bad enough to knock out the AM broadcast
radio! So far, I've done the following:

--new resistor plugs, wiring, distributor cap
--ground straps between the antenna mount, engine block, hood, trunk,
doors, and exhaust system to the frame
--power leads run directly to battery with #10 wire
--bypass caps on the voltage regulator
--alternator noise filter installed

The rig is a Yaesu FT900. The noise blanker reduces the noise from S9
to S7 but no further. The antenna is a High Sierra "Screwdriver"
mounted on a trailer hitch (which also has been ground-strapped to the
frame).

Any ideas? This one is really beginning to bug me...have never had a
car give me as hard a time as this one is.

73, Mike KB3RG

2957. Alpha 78 4-Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: shed@n-jcenter.com
Message-ID: <4oct8p$dq7@news.gdi.net>
Source record: 200478

I have a Alpha 78 amp that I must sell to pay for new computer
3-tubes, full QSK, bandpass (no tune up)
Very nice shape. Fan has a little rattle, but doesn't effect
anything.

73 John N4EEB <shed@n-jcenter.com>

2958. Wanted remote for Kenwood TM-201-B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: KSmith1951@gnn.com
Message-ID: <4ofgkh$cc3@news-e2d.gnn.com>
Source record: 200479

Iam looking for a remote control for my tm-201b part# FC-10.
If anyone can help I would be thankful.

2959. Remote for Kenwood TM-201B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: KSmith1951@gnn.com
Message-ID: <4offk1$c2a@news-e2d.gnn.com>
Source record: 200480

Iam looking for a remote control for my tm-201b part# FC-10.
If anyone can help I would be thankful.

2960. Service Manual for DJ580.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Wally@moor.slip.uky.edu
Message-ID: <755.6721T929T53@moor.slip.uky.edu>
Source record: 200481

I am in need of a copy of a page or two out of a DJ580 service manual, I have blown the first stage in the 2M receiver and I need the section relating to that.

$20 is pretty pricy to get it from Alinco, as this is all I need from the manual.

Thanks a lot..

--
-.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.. .
. Walter Francis _. KT4LH .
- HP48GX Alinco DJ580 Icom 281 Kenwood 530S o:o -
. Wally@POP.UKY.EDU Life begins on 80 .
--... ...-- --... ...-- --... ...-- --... ...-- --... ...-- --... ...-- ..

2961. Need Mod for C568A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: soyboy@inx.net
Message-ID: <4ock2f$80a@inx3.inx.net>
Source record: 200482

Hi.. and tnx for reading this. I'm trying to obtain the modification for the Standard C568A portable radio. If anyone have info...pls email it to me. I would really appreciate it...

73's and many tnx. My email is Soyboy@inx.net

2962. Re: Programming Software for Ft-530 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4ob34q$3kv@shore.shore.net>
Source record: 200628

cstimson@hookup.net (Craig Stimson) wrote:

>I've been following the thread regarding ADMS software for the Yaesu
>FT-50 which has prompted me to ask the question about the FT-530. I
>understand there is presently nothing available but does anybody know
>if there may be anything in the works? I guess since the FT-530 is an
>old model now there may be no interest on the part of Yaesu however
>there still is a lot of dealers selling them an a lot of users who
>would be interested. It sure would come in handy to manage the memory
>locations.

The FT-530 is now a discontinued radio. I doubt there is anything in
the works for (in my opinion) the finest dual-band handheld radio ever
made.

Cheers! jim, wk1v

http://www.shore.net/~jjmartin/jjm.htm

2963. FT-50-R Mod Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: datkersn@one.net
Message-ID: <4ob3mt$aqk@news.one.net>
Source record: 200629

Anyone with the mod for CAP/MARS for the
Yeaseu FT-50-R please help!

If you could be so kind as to E-Mail me the
info of send me a note as to where I could find
it, I would greatly appreciate it.

Thanks,

Dave Atkerson / N8IQV
datkersn@one.net

2964. Re: 6146w's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ob5nn$6nb@crash.microserve.net>
Source record: 200630

Jonathan Kohn <leajen@paonline.com> wrote:

>6146w's are just ruggedized versions of 6146b's and are direct
>replacements. Jon N3ajb

This is not correct. The 6146W is a ruggedized version of the
6146A. Like the 6146A, it is rated at 25 watts plate dissipation.
The 6146B is rated at 35 watts.

73,
Jack WB3U

2965. Re: Automatic Tone Search (ATS) on Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: source@netcom.com
Message-ID: <sourceDs1L3n.Dp9@netcom.com>
Source record: 200631

In article <4o7vnd$lu1@crl8.crl.com>, Ben Klausner <klausner@crl.com> wrote:
>
> Thanks for the reply, but that doesn't seem to work for me. I activate Tone
> Squelch, then try F-2 to set Tone Frequency, and hold the Up key. AAs long
> as I hold the key the value changes, but when I let go it stops. Do I need
> to test this against a live signal with tone?

Sounds like something is wrong; it should have worked just as described.
When you hold the Up key for a second it should start scanning the tone
frequencies. It scans quickly when no RF is being received, then slows
down when a signal is detected, then stops when the matching tone freq is
detected. Or at least, mine does. Do you have a very early FT-51R? The
procedure is not described in my FT-51R manual but on a loose sheet that
came with it, so maybe it was a version add-on? Does your Tone Squelch
work otherwise?

2966. Radio Shack Digital SWR Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: ddeeds@aol.com
Message-ID: <4oba4h$301@newsbf02.news.aol.com>
Source record: 200632

Has anyone seen any comments about the digital SWR/Power meter for HF use? I was one of the engineers at Tandy that worked on this and I haven't seen any comments since it hit the market. I would have thought by now that Radio Shack would have had the sense to make at least one press release or give/loan a unit to one of the ham magazines for review. Actually, maybe my question should be "Has anyone even heard of this meter?". Even the latest flyer from RS is describing the meter incorrectly since it's actually usable down to 1.8 MHz, not 3 MHz as described. I would appreciate any comments, good or bad. We had to bend over backwards to redesign this to meet Radio Shack's changing requirements and it would be nice to know if anyone likes the meter.

Doug
KA8CTL/5

2967. Wanted YEASU MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: swylie@lightside.com
Message-ID: <swylie-2605962113300001@user32.lightside.com>
Source record: 200633

Looking for mods for yeasu radios

2968. WTB: Freq. Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: jam@firefly.prairienet.org
Message-ID: <4obcr0$g3d@vixen.cso.uiuc.edu>
Source record: 200634

I'm interested in buying a used hand-held frequency counter. I've seen a few that are quite small. Does anyone have one they would like to sell? Please E-mail me with model and spec information as well as price.

Respectfully,

John

2969. Re: FCC Public Notice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4oc34l$b6m@newsbf02.news.aol.com>
Source record: 200635

i haven't read the notice, but i suspect you're over-reacting.
probably prohibits future manufacture of such units.
the rules against using it out of bands is already on books.
enforcement will be impossible on units in field; easier to deal with a
dozen manufacturers than with millions of us.
cheer up
73s

2970. ADVISOR PAGER TECH HELP NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4oc3be$b7u@newsbf02.news.aol.com>
Source record: 200636

Can an advisor be reprogrammed to work on Russian alphabet (Cyrillic?)
I have several hundred Advisor on the right frequency, which I'd like to
sell to Russia, but the transmit Cyrillic characters.
Have gotten no help from big "M"; they want to sell me new pagers.
HELP

2971. Re: ** Yaesu FT-50R handheld dual-band problem!!!! Read this **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4oc897hsb1@mhafn.production.compuserve.com>
Source record: 200637

This is exactly what happened to a person on CompuServe HamNet! He bought the early, flawed software at Dayton from the manufacturer of the Yaesu interfaces. There is not a fixed version.

It is my hope that you can restore full tx coverage via the MARS mod that many people already have. In other words, download the flawed code to restore the extra rx regions, get the MARS mod to get the full tx ranges, and then proceed to program your memories. (Memories are lost when loading the flawed program.)

-Jeff

2972. Re: Automatic Tone Search (ATS) on Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4oc8dghsb2@mhafn.production.compuserve.com>
Source record: 200638

Once you're on a freq with your tone decoder enabled and the tone-freq display showing one of the PL freqs, hit an arrow and the FT-51R will proceed to search for the correct one. Naturally, the radio will only find the correct freq while there are transmissions on the freq.

2973. Re: ** Yaesu FT-50R handheld dual-band problem!!!! Read this **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4oc8rohsb4@mhafn.production.compuserve.com>
Source record: 200639

I doubt that the radio will tune below the Japanese FM band (the current low end freq). And I doubt that the radio will tx in the 220MHz band, but I do think it'd be great to at least receive the 223MHz Amateur band!

2974. icom IC-2SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <960527054138124O1@saloon.bcbbs.net>
Source record: 200640

T>I have a IC-2SAT 144 meg hand-held. I want to use the radio in my car
T>while traveling cross country. Can I make up a cable from the 12v DC of
T>the car to my hand held, or do I need to buy a special cable from ICOM?

If you can get a plug to fit the radio you should be able to make one
up.

 QMPro 1.53 Procrastination Day Has Been Postponed!

2975. yaesu ft-990 gen coverage xmit ??????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4occnv$dl1@newsbf02.news.aol.com>
Source record: 200641

how do i enable gen coverage xmit in my yaesu ft-990?? thanks in advance.
Jay

2976. Re: Automatic Tone Search (ATS) on Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: "R. Troy Monaghen" <troy@mcs.net>
Message-ID: <31A9708B.1CB7@mcs.net>
Source record: 200642

Ben Klausner wrote:
>
> In article <4o5sgp$iah@news.ro.com>, Rod Thompson <rts@mail.ro.com> wrote:
> >klausner@crl.com (Ben Klausner) wrote:
> >> Does anyone know how to make this work? The instructions in the manual seem
> >> identical to the instructions for manually selecting a tone. Am I
> >> overlooking somethin simple?
> >>
> >> Thanks.
> >>
> >>
> >Follow the manual like you are setting the tone frequency. Once in the frequency
> >selection mode press and hold the UP or DOWN arrows keys until the tone frequencies
> >start to change. Your radio must be set on the frequency you want to receive and
> >have Tone Squelch turned on.
> >
>
> Thanks for the reply, but that doesn't seem to work for me. I activate Tone
> Squelch, then try F-2 to set Tone Frequency, and hold the Up key. AAs long
> as I hold the key the value changes, but when I let go it stops. Do I need
> to test this against a live signal with tone?

Yes, there must be a signal present that has a valid CTSS tone for it to find it, but that is not the problem here because that would cause it to search forever instead of stopping when you release the button. The symptoms you describe are what happens if tone squelch is set off. Are you sure you have it on (there should be a "T SQ" displayed directly above the frequency display for the band you are working with).

--
R. Troy Monaghen, KB9KMW
troy@mcs.net
http://www.mcs.net/~troy/

2977. Re: ADVISOR PAGER TECH HELP NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: ccsys@interport.net
Message-ID: <31a9c0a6.4506640@news.interport.net>
Source record: 200643

You need to replace the microcontroller in the pager. There are
several versions so the easiest thing to do is get a service manual
from Motorola and look-up the part number.

2978. Need ft767 6m Module!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: mfs@erols.com
Message-ID: <4ocgej$d4f@ns.interserf.net>
Source record: 200644

If you have one of these beasties or know where I could find one
I would be very grateful

tnx
73

Mike Sussman
N8NQP

n8nqp@interserf.net
800-480-8863

2979. IC-781 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: Larry Harding <lharding@castle.net>
Message-ID: <31A99904.3CE5@castle.net>
Source record: 200645

James Brannigan wrote:
Does anyone have the mods for Icom 781s.

2980. Re: Automatic Tone Search (ATS) on Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: klausner@crl.com
Message-ID: <4ocjur$o46@crl2.crl.com>
Source record: 200646

In article <sourceDs1L3n.Dp9@netcom.com>,
David Harmon <source@netcom.com> wrote:
>In article <4o7vnd$lu1@crl8.crl.com>, Ben Klausner <klausner@crl.com> wrote:
>>
>> Thanks for the reply, but that doesn't seem to work for me. I activate Tone
>> Squelch, then try F-2 to set Tone Frequency, and hold the Up key. AAs long
>> as I hold the key the value changes, but when I let go it stops. Do I need
>> to test this against a live signal with tone?
>
>Sounds like something is wrong; it should have worked just as described.
>When you hold the Up key for a second it should start scanning the tone
>frequencies. It scans quickly when no RF is being received, then slows
>down when a signal is detected, then stops when the matching tone freq is
>detected. Or at least, mine does. Do you have a very early FT-51R? The
>procedure is not described in my FT-51R manual but on a loose sheet that
>came with it, so maybe it was a version add-on? Does your Tone Squelch
>work otherwise?

It's a current model, and the instructions for ATS (such as they are) were
included in the manual. Tone squelch is not common around here, so finding
a test signal is tough, and I can't answer if it's working properly
otherwise.

--

Ben Klausner, N5DJL | "Beware of bugs in the above code;
klausner@crl.com | I have only proved it correct,
Austin, TX | not tried it." -- Donald Knuth

2981. Re: Question: glass-mount glue?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: klausner@crl.com
Message-ID: <4ocjqf$o2k@crl2.crl.com>
Source record: 200647

In article <1996May22.225248@msuvx1.memphis.edu>,
<usdhicks@cc.memphis.edu> wrote:
>Thanks for reading.
>
> I am considering buying a glass-mount antenna for my scanner. I already have
>several mag-mounts on my roof, and I think the glass-mount is the best choice
>for my particulat application. But I have a question I'd like to ask before I
>go out and buy one:
>
> What type of glue do you use to put it on with, and how well does it hold.
>If it holds too well, how do you get the antenna off? What if it doesn't hold
>too good? Does it fly off as you driving down the highway? And does it leave
>any markings on the glass after you remove it?
>
> Any help or comments will be greatly appreciated. You can respond to
>me direct, or post it here so other's can read it.
>
The antenna's come with their own glue. They generally hold quite well. I
believe the way to remove them is to apply heat.

--

Ben Klausner, N5DJL | "Beware of bugs in the above code;
klausner@crl.com | I have only proved it correct,
Austin, TX | not tried it." -- Donald Knuth

2982. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ockc5$mdr@crash.microserve.net>
Source record: 200648

Brett Carter <carter@inetworld.com> wrote:

>The Rat Shack DSP is alright for killing heterodynes,
>great CW filter, but lousy at noise reduction on SSB.
>
>$39 is a good price.

My transceiver has an audio notch fiter built in, as well as a 400 Hz crystal filter. I also use an Autek Research QF-1A on the rare occasion that additional CW filtering is needed. Would the RS DSP provide any significant advantage for CW work? The Autek is very effective at "peaking" the incoming signal, but the ringing that occurs when it's narrowed down can be a problem, particularly when the band is noisy.

73,
Jack WB3U

2983. test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4ocnpp$n70@news1.warwick.net>
Source record: 200649

```
test
```

2984. test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4ocnpr$n70@news1.warwick.net>
Source record: 200650

```
test
```

2985. test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4ocnpt$n70@news1.warwick.net>
Source record: 200651

```
test
```

2986. test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4ocnpv$n70@news1.warwick.net>
Source record: 200652

test

2987. test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: NJC@WARWICK.NET
Message-ID: <4ocnq2$n70@news1.warwick.net>
Source record: 200653

```
tet
```

2988. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31A9F078.5997@southwind.net>
Source record: 200654

WB3U wrote:
>
> Brett Carter <carter@inetworld.com> wrote:
>
> >The Rat Shack DSP is alright for killing heterodynes,
> >great CW filter, but lousy at noise reduction on SSB.
> >
> >$39 is a good price.
>
> My transceiver has an audio notch fiter built in, as well as a
> 400 Hz crystal filter. I also use an Autek Research QF-1A on the
> rare occasion that additional CW filtering is needed. Would the
> RS DSP provide any significant advantage for CW work? The Autek
> is very effective at "peaking" the incoming signal, but the
> ringing that occurs when it's narrowed down can be a problem,
> particularly when the band is noisy.
>
> 73,
> Jack WB3U

Jack I've used the Radio shack DSP unit with my Yaesu FT-ONE. My rig also has audio peaking and notching but the RS unit works faster and a bit better when it comes to hetrodynes. As for the other operations of this DSP unit, My rig doesn't seem to need them. Overall, I'd say the Radio Shack unit is an excellent buy!

73
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

2989. FT 50 R vs IC T7 a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: David_Edger@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960527_135900_c94a379b@fidonet.org>
Source record: 200655

Joel: I have both the radios and like them both. A few points that may help you decide:
T7A has tone scan which is real nice when traveling. It also has a remarkably long-lived battery, easy pocketability, and nice sounding audio. It seems rather poor at intermod rejection, is not as sensitive on the airband or the 400 MHZ utility band.
The FT50 is supersensitive, has tremendous and very useable out of band coverage, and decent battery life. It has a battery meter which I like a lot, but has a non-BNC connector which is a bit of a hassle. It is so rugged that I believe it will stand up to really rough use better than the T7A
Both are excellent radios. You'll enjoy either. 73

2990. Radio Shack Digital SWR/Power Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: ddeeds@aol.com
Message-ID: <4oct04$i52@newsbf02.news.aol.com>
Source record: 200656

In response to my last post, Tony G3SKR/AA2PM asked for me to post the specs for the meter.
Frequency range: 1.8-30 MHz
RF Power: 1-2000W
Impedance: 50
Minimum input power for SWR reading: 1/2W
Power accuracy: +/- 10 percent of full scale

The unit has four ranges, 20W, 200W, 2KW and an autorange. Power and SWR are not displayed at the same time. The meter can be powered from the included wall adapter or 9 - 13.8 VDC.

Hope you like it!

Doug
KA8CTL/5

2991. HR 2600 Service Manual needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: vfiscus@mcn.net
Message-ID: <4od24g$2nq@news.mcn.net>
Source record: 200657
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.swap

I need the service manual for the Uniden(President) HR 2600.

I'll Pay Copy costs and postage for mailing.

73 de KB7ADL

vfiscus@mcn.net

2992. FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: duane park <dspark@ix.netcom.com>
Message-ID: <31AA0696.45EF@ix.netcom.com>
Source record: 200658

Does anyone know if the antenna on a Standard c-508A dual band radio is the same type & gender, (sma) that is on the FT-50r?? If so, the Standard antenna is much smaller and would work nice on the FT-50r

2993. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: gcouger@tacoma.ceatlabs.okstate.edu
Message-ID: <4od2sq$2tj@news.cis.okstate.edu>
Source record: 200659

>> Brett Carter <carter@inetworld.com> wrote:
>>
>> >The Rat Shack DSP is alright for killing heterodynes,
>> >great CW filter, but lousy at noise reduction on SSB.

I have one of the filters. I agree with Brett. On my Icom 735 it works great on hetordynes the CW filter compairs very well with my 250 Hz Xtal filter on the Icom and the noise reduction doesn't do much.

However, on my HW8 QRP Heath kit xciver it greatly reduces then noise.

Good luck
Gordon AB5DG

Gordon Couger Senior Software Specialist
Biosystems & Agricultural Engineering Dept. Oklahoma State Univ.
114 Ag Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu

2994. Looking for SRF2926 Transistor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: markem@primenet.com
Message-ID: <4od7hf$as8@nnrp1.news.primenet.com>
Source record: 200660
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

I'm trying to locate a SRF2926 transistor to repair the PA in a UHF repeater. I can't find them listed in any of my catalogs (which are not extensive). Anyone know of a source or replacement for them? Anyone have any spares laying around? It's a late 70's vintage Aerotron unit, if that helps.

Thanks & 73... Mark AA7TA

2995. Re: Radio Shack Digital SWR/Power Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-27 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <833228724snz@microvst.demon.co.uk>
Source record: 200661

In article <4oct04$i52@newsbf02.news.aol.com> ddeeds@aol.com "DDeeds" writes:

> Frequency range: 1.8-30 MHz
> RF Power: 1-2000W
> Impedance: 50
> Minimum input power for SWR reading: 1/2W
> Power accuracy: +/- 10 percent of full scale
>
> The unit has four ranges, 20W, 200W, 2KW and an autorange. Power and SWR
> are not displayed at the same time. The meter can be powered from the
> included wall adapter or 9 - 13.8 VDC.

Doug, thanks for the information. A couple more questions:

1) Here in the UK we are allowed 400 watts output. I infer that with
this meter, in the 2000 watt range that any 400 watts indicated may be
+ or - 200 watts, ie anything from 200W to 600W. Is this right?

2) Can the unit record PEP?

3) What is the part number and the list price?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2996. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4odlme$qr4@mule2.mindspring.com>
Source record: 200483

duane park <dspark@ix.netcom.com> wrote:

>Does anyone know if the antenna on a Standard c-508A dual band radio is
>the same type & gender, (sma) that is on the FT-50r?? If so, the Standard
>antenna is much smaller and would work nice on the FT-50r

It is the same connector and gender. However, the FT-50R standard
antenna has its connector recessed somewhat so that the outer shroud
extends inside the case of the radio. The standard does not, so it
looks a little funny. Seems to work, though. I wish one of the
independent manufacturers would do a shorter version of this antenna
including the recessed connector.

2997. Re: FCC Public Notice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4odj1l$at7@news.halcyon.com>
Source record: 200484

radiomatt@aol.com (Radiomatt) wrote:

>i haven't read the notice, but i suspect you're over-reacting.
>probably prohibits future manufacture of such units.
>the rules against using it out of bands is already on books.
>enforcement will be impossible on units in field; easier to deal with a
>dozen manufacturers than with millions of us.
>cheer up
>73s
No overreaction, experience says when the FCC takes time to remind us of the rules, they are going to enforce them. They usually do not send out public notices for nothing. May be it will be a real high profile case that just shakes every one awake for a bit, lets us know they are still watching. We'll see what the next 30 to 60 days brings in rulings or cases.

Gary

2998. Re: IC 706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4odj55$at7@news.halcyon.com>
Source record: 200485

jwc@col.hp.com (John Chapman) wrote:

>fritz@erinet.com wrote:
>: I am looking for a good 2m/6m mobile antenna. Any suggestions?

>: Fritz

> I understand that a properly tuned 2 meter 5/8 ant works well on 6 also.
>I was was going to try it as soon as I get my 706. too bad that 2 & 6 are on
>separate outputs connectors.

> John, N0KIC

Be careful of placement of the 2 meter 5/8 wave antenna. If too close to the 6 meter antenna, it can induce high power into the 2 meter front end. Keep the antenna about 4 feet or more apart.

Gary

2999. Wanted FT-11R Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: tinneyr@concentric.net
Message-ID: <4odl3t$qa7@tribune.concentric.net>
Source record: 200486

I am looking for an FT11R handitalkie for my (soon to be ham) wife. She is looking for a small two meter talkie and if anyone has one for sale, please email me!
Thanks!

tinneyr@concentric.net
Bob, KD8LR

3000. Re: icom IC-2SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDs3EIA.4AM@netcom.com>
Source record: 200487

In article <960527054138124O1@saloon.bcbbs.net> clinton.peebles@saloon.bcbbs.net (Clinton Peebles) writes:
-T>I have a IC-2SAT 144 meg hand-held. I want to use the radio in my car
-T>while traveling cross country. Can I make up a cable from the 12v DC of
-T>the car to my hand held, or do I need to buy a special cable from ICOM?
-If you can get a plug to fit the radio you should be able to make one up.

It's a standard plug from Radio Shack (the 1.3mm one, I believe). I run
my 24AT off the 12V gel-cell the same way at public service events.
/mike
--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- --- Boston Amateur Radio Club: http://www.barc.org/barc --- -*-
/|\ or send "info barc-list" to listserv@netcom.com /|\

3001. FT-840 mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: jflowers@unlinfo.unl.edu
Message-ID: <4odrp2$hbm@crcnis3.unl.edu>
Source record: 200488

I am planning to use my FT-840 with the Ten-Tec 20m<>6m transverter kit. My FT-840 only TX's from 14.000-14.500. I wish to be able to use FM up in the 52-53 Mhz range, but I would need my 840 to transmit from 14.000-18.000Mhz to use the whole 6m band.

In short, how to I get out of band transmit on the Yeasu FT-840?

TNX de Andy, KB0JSU

3002. Re: Looking for SRF2926 Transistor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: "Earl E. Andrews" <earlve3ab@igs.net>
Message-ID: <4odu1a$hk1@nntp.igs.net>
Source record: 200489
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

i think these are a similar animal to what i once i had to replace in a small mobile hf amp (yaesu]. mine were an srf type for hf and they are probably a proprietory device. i phoned motorola and had no luck''they couldn't release the information. What i ended up doing is making photocopies out of a motorla data book;;taking an educated guess at what might replace them. i narrowed down the search to a few possibilities. considerations were 1) npn or pnp 2] what usually drives this amp how much power does it usually see gg into the transistor 3] match up some of the motorola data book schematics with the units schematic and find any similarities. 4) how much gain does the amp usually provide check the specs on the amp 5) how much output does the amp usually put out etc. using this kind of methodology i came up with a few good subs in the mrf series namely the mrf 454 and mrf 412 and a few others . they all would have worked fine i think but i chose the mrf 412 because it was more rugged etc. if i was gg to spend that kind of money i might as well go ahead and lay out a few more bucks for the better type. ...if you would like''i could look up some subs for you if you can perhaps mail me info. i have a big computerized data base of semiconductors at work and i can research in my spare time ..iam good in callbook as ve3ab for several yrs now. 73s es gl earl...address = earlve3ab@igs.net

3003. test, do not read

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: edandsusan@aol.com
Message-ID: <4oe3b8$1p5@newsbf02.news.aol.com>
Source record: 200490

test
edandsusan@aol.com (Ed Tilley, KE4WXY)

"Opie, just think how far Einstein would have gone if he hadn't dropped
out of high school"

B. Fife, 1965

3004. FT-50r Scanning: Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: FBUL85A@prodigy.com
Message-ID: <4odvam$14oa@usenetz1.news.prodigy.com>
Source record: 200491

Like to hear about the the FT-50r's operation as a scanner. Speed,
intermod, etc... Also, how is it on battery life?

TIA!

-
Rob
FBUL85A@prodigy.com

3005. WTB, receive xtal for Kenwood TH-21AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: mreiney@hevanet.com
Message-ID: <4oe9fq$1dr@vista.hevanet.com>
Source record: 200492
Cross-posted to: rec.radio.amateur.homebrew,REC.RADIO.AMATEUR.EQUIPMENT

I need a receive crystal for a Kenwood TH21-AT handheld.
It's 61.84964 MHz or thereabouts. Designated X2.
thanks, miker

3006. What does DISCRIMINATOR term means ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: alik@sw.ru
Message-ID: <4oepif$okc@ss10.elvis.ru>
Source record: 200493

Hi folks,

What does "Discriminator " term means ?
How can I identify it on the wiring diagram of my Radio
(radio with NFM mode) ?

Thanks in advance.
Best regards.

3007. Re: icom IC-2SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: afn35036@afn.org
Message-ID: <31a8a51c.1838174@usenet.afn.org>
Source record: 200494

tcope@igc.apc.org (Tom Cope) wrote:

>I have a IC-2SAT 144 meg hand-held. I want to use the radio in my car
>while traveling cross country. Can I make up a cable from the 12v DC of
>the car to my hand held, or do I need to buy a special cable from ICOM?

Well, yes and no. Generally, if your car has a clean DC power source,
i.e., no alternator whine when you plug into the cigarette lighter,
you can just use a piece if zip cord and a plug and socket from Rat
Shack. It won't look as pretty as a genuine Icom product, especially
if you are all thumbs when it comes to soldering wires (like me), but
it will cost much less.

Steve
--
http://www.afn.org/~afn35036 (EL89tq)| "I have never really understood the
http://www.afn.org/~gars | rationale behind sports...which
http://www.afn.org/~quilters | all seem like exhausting new ways of
PGP pub key: finger afn35036@afn.org | getting injured while sweating." -LGW

3008. Re: Ignition noise problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4oeti5$rvo@nnrp1.news.primenet.com>
Source record: 200495

Mike Lazaroff <msl@nauticom.net> wrote:

: Any ideas? This one is really beginning to bug me...have never had a
: car give me as hard a time as this one is.

Hi Mike, I have a similar problem with an S10 Pickup and
IC-706. My problem is only there when going uphill and
goes away when going downhill. Any ideas out there?

73, Cecil, KG7BK (W6RCA soon), OOTC

3009. Re: Fw: More facts on (Best Dual-Band Handheld)`

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: seanradio@aol.com
Message-ID: <4oeu4b$85c@newsbf02.news.aol.com>
Source record: 200496

Believe the Yeasu does have crossband repeat.

I've owned the Kenwood and the Yeasu FT51-R and believe the Yeasu was
nicer to operate and use. Seemed easier to program as well.

The other import point for me was the better RF rejection of the Yeasu.
Took both radios to a high rf area and the Yeasu was the only one that
didn't constantly open squelch and blast out digital junk.

That aside, I'm sure any of the radios would be great.

Sean
KF4IWT

3010. Re: 6146w's AVAILABLE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: rh3333@aol.com
Message-ID: <4oevhg$8tv@newsbf02.news.aol.com>
Source record: 200497

I have NEW 6146 W for sale $20 each + Shipping

3011. Re: Wanted: info on Graetz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: claude@bauv.unibw-muenchen.de
Message-ID: <claude.833285031@bauv111>
Source record: 200498

griffin@jgfl1.allcon.com (Jens Goerke) writes:

>Dave Calhoun (calhoun@televar.com) wrote:
>> I have inherited a tube radio and would like to find information about the
>> company that produced it and where I will be able to find replacement
>> parts for it. The company is called Graetz. The back of the radio is
>> printed:
>> Graetz

>Graetz is still in business, AFAIK.

This logo is still used but I'm not sure that the products manufactured
and sold using this logo are still manufactured by the same factory.

>> They have the indentification as follows:
>> EL84

>equivalent to 12BY7A

Wrong ! The EL84 is the same as the 6BQ5. The 12BY7A is the same as the
EL180.

--
Claude
(claude@bauv106.bauv.unibw-muenchen.de)
The opinions expressed above represent those of the writer
and not necessarily those of her employer.

3012. Re: 6146w's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: claude@bauv.unibw-muenchen.de
Message-ID: <claude.833285627@bauv111>
Source record: 200499

Jonathan Kohn <leajen@paonline.com> writes:

>6146w's are just ruggedized versions of 6146b's and are direct
>replacements.

Sorry, but they are ruggedized versions of 6146a's.
--
Claude
(claude@bauv106.bauv.unibw-muenchen.de)
The opinions expressed above represent those of the writer
and not necessarily those of her employer.

3013. Re: FCC Public Notice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: rolfe@ldp.com
Message-ID: <4of06k$2pbi@news-s01.ny.us.ibm.net>
Source record: 200500

In <4odj1l$at7@news.halcyon.com>, gfiber@halcyon.com (Gary Fiber) writes:
>radiomatt@aol.com (Radiomatt) wrote:

>No overreaction, experience says when the FCC takes time to remind us of the
>rules, they are going to enforce them. They usually do not send out public
>notices for nothing. May be it will be a real high profile case that just
>shakes every one awake for a bit, lets us know they are still watching.
>We'll see what the next 30 to 60 days brings in rulings or cases.

The underlying issue here is that the market for Japanese-produced HF
equipment is a worldwide one, and different countries have different
rules, different band-plans, etc. Realistically, the manufacturers
have to engineer a design that is easily adaptable to different
regions. In some areas of the world, amateur HF gear is used in
preference to commercial equipment simply because it's cheaper. This
is also a market that the manufacturers need to take into account.

Personally, I think this is much ado about nothing, unless there are
major high-profile cases of abuse that haven't been
publicized. Furthermore, this type of regulation is a losing battle;
witness the fact that, while Motorola commercial HTs are theoretically
not user-programmable, anyone who really wants to can get them
reprogrammed to any frequencies the unit covers.

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

3014. Wanted: ft-41r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: molson@apollo.tricord.com
Message-ID: <4of165$624@apollo.tricord.com>
Source record: 200501

Looking for a clean Yaesu FT41r UHF HT, anyone out there selling?

Mark Olson AA0MH
--

Mark Olson
Manager, Performance/Characterization Lab
Tricord Systems, Inc.

3015. Re: Needed: FM stereo multiplex ICs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Chris FormyDuval <cdformyd@eos.ncsu.edu>
Message-ID: <31AABAA8.4554@eos.ncsu.edu>
Source record: 200502
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.shortwave

Michael Fickenscher wrote:
>
> As stated in the subject, I need to get my hands on a couple of stereo FM
> multiplexor chips (and their appropriate demultiplexor IC). Additional
> requirement: must be cheap, as these are for weather balloons that I will
> probably never see again after launch.
>
> Please email me with any ideas on where I can get these chips.
>
> --
> Michael Fickenscher --
> Undergraduate Student, Great wits are sure to madness near allied,
> Electrical Engineering And thin partitions do their bounds divide.
> University of Nebraska-Lincoln - Dryden, "Absalom and Achitophel"
> ----------------------/ mfick@engrs.unl.edu /--------------------------
Try the homepages of National Semiconductor, Harris, TI etc. You should
come up with several choices as well as datasheets and app. notes.
Chris

3016. Re: Ignition noise problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: raf@dwroll.att.com
Message-ID: <Ds4Cu8.D03@bigtop.dr.att.com>
Source record: 200503

From article <4oeti5$rvo@nnrp1.news.primenet.com>, by Cecil Moore <kg7bk@primenet.com>:
> Mike Lazaroff <msl@nauticom.net> wrote:
>
> : Any ideas? This one is really beginning to bug me...have never had a
> : car give me as hard a time as this one is.
>
> Hi Mike, I have a similar problem with an S10 Pickup and
> IC-706. My problem is only there when going uphill and
> goes away when going downhill. Any ideas out there?
>
> 73, Cecil, KG7BK (W6RCA soon), OOTC
>

Ignition noise increases at higher engine output, consistent
with going uphill. To suppress ignition noise, cover the sparkplug
wires with tubular copper braid, grounded to the block. Ignition
noises usually are a popping sound.

Richard Ferguson, KA0DXM

My opinions are my own,not those of my employer.

3017. NEED SCHEMATICS FOR FM TRANSMITTER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: dylanr@rrt.com
Message-ID: <4odsk8$d1d@pegasus.odyssee.net>
Source record: 200504

For a very long time now I have wanted to build a small 2-mile radius transmitter 88-108, but I can't seem to find the schematics to build one. If anyone has plans so I can build my transmitter, please post, or atatch it to and e-mail at dylanr@rrt.com. Thank you for your all your effort.
Vector

3018. Re: Ouch! I freaked out again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4odq8f$378@news.syspac.com>
Source record: 200505

Bill Crocker <billc@mail.rust.net> wrote:

>Daniel L. Conklin wrote:
>>
>> I can't believe I did this! I'm not sorry ... yet. I walked into my local
>> Ham Radio store to buy a used 2m HT to hook up to my packet TNC, and
>> somehow got talked into buying an ICOM IC-T7A dual band HT. I spent more
>> than twice my budget. What can I do to avoid this in the future? I love
>> gadgets! Help!
>>
>> --
>> Dan Conklin acephoto@emi.net

>Dan:

>Do I know that feeling! I do that sort of thing all the time. It must
>be something in the drinking water! :)

>Bill Crocker

Hooboy have they got you. Dontcha know......it is a chemical
substance contained in the glue on the envelope in which u sent your
ham license application. This sneaky and pervasive substance goes to
work on an otherwise normal human mind and makes the poor victim crave
toys, goodies, gadgets and other expensive items. The only known cure
is a mind busting session with a divorce lawyer (A gadget exorcism).
This usually works, but if it doesn't, u end up not having enuf $$ to
satisfy the spending urge......

C. Dean Norris
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com
http://www.syspac.com/~dnorris/

3019. Re: Ouch! I freaked out again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4odq72$362@news.syspac.com>
Source record: 200506

Bill Crocker <billc@mail.rust.net> wrote:

>Daniel L. Conklin wrote:
>>
>> I can't believe I did this! I'm not sorry ... yet. I walked into my local
>> Ham Radio store to buy a used 2m HT to hook up to my packet TNC, and
>> somehow got talked into buying an ICOM IC-T7A dual band HT. I spent more
>> than twice my budget. What can I do to avoid this in the future? I love
>> gadgets! Help!
>>
>> --
>> Dan Conklin acephoto@emi.net

>Dan:

>Do I know that feeling! I do that sort of thing all the time. It must
>be something in the drinking water! :)

>Bill Crocker

Hooboy have they got you. Dontcha know......it is a chemical
substance contained in the glue on the envelope in which u sent your
ham license application. This sneaky and pervasive substance goes to
work on an otherwise normal human mind and makes the poor victim crave
toys, goodies, gadgets and other expensive items. The only known cure
is a mind busting session with a divorce lawyer (A gadget exorcism).
This usually works, but if it doesn't, u end up not having enuf $$ to
satisfy the spending urge......

C. Dean Norris
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com
http://www.syspac.com/~dnorris/

3020. Standard on WWW??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: ccart@mnsinc.com
Message-ID: <4of3qg$hlr@news8.erols.com>
Source record: 200507

If it's Standard Radio you're looking for try,

http://www.stdradio.com/

--
-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

3021. Re: What does DISCRIMINATOR term means ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4of4v7$mun@crash.microserve.net>
Source record: 200508

alik@sw.ru (Oleg Melnikov) wrote:

>What does "Discriminator " term means ?
>How can I identify it on the wiring diagram of my Radio
>(radio with NFM mode) ?

A discriminator usually consists of a transformer and two diodes
located at the end of the IF strip. This is not the only way to
detect FM though, so your receiver may not have one.

73,
Jack WB3U

3022. Looking for SBE-34 Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: McCullough <mccu@erols.com>
Message-ID: <4of5kk$g2f@news5.erols.com>
Source record: 200509

Anybody out there got an old SBE (Sideband Engineers) HF rig gathering dust in the basement? This was one of the first (mostly) transistorized tranceivers of the 1960's, and I've got a sentimental desire to find one. Of course I once had one, and traded it away years ago, and now wish I hadn't! There was a 500 watt linear that matched it as well.

Chuck, KM4AO

3023. Re: FT 50 R vs IC T7 a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31AAEE9E.1933@hogsett.com>
Source record: 200510

David Edger wrote:
> It is so rugged that I believe it will stand up to really
> rough use better than the T7A
>

I went out to my car this weekend to see my FT-50R lying face down
in the pavement. It has fallen out an hour earlier when I left
the car to go into a friend's house.

The speaker grill area looks scratched up, but it still works fine.
I feel lucky that some kid didn't come along and take it!

--
+---
| Jerry Hogsett (home) jerry@hogsett.com |
| POB 636 Redwood City CA 94064 (work) jhogs@micrografx.com |
| (500)-G-HOGSETT http://www.hogsett.com |
---+

3024. Re: FT-50r Scanning: Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4of7iq$6uu@ssbunews.ih.att.com>
Source record: 200511
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,alt.radio.scanner

In article <4odvam$14oa@usenetz1.news.prodigy.com>,
Rob Curtis <FBUL85A@prodigy.com> wrote:

>Like to hear about the the FT-50r's operation as a scanner. Speed,
>intermod, etc... Also, how is it on battery life?

I bought a Yaesu FT-50R dual band HT last week
and added the FTT-12 CTCSS/DCS tone decoder option.

In general, I use an HT as a scanner outside the ham bands at
least often I talk with it in a ham band. The FT-50R is better
than most of the older model HTs for this job. Still,
it's not as fast or flexible as some scanners.

It scans memory channels in the conventional sense
and boasts 3 search banks. Memory channels can be
locked out from the scan, but there are no search
banks, as one finds in a conventional scanner. I measured
the scan speed at about 10 channels/second.

The receive frequency coverage is generous but it won't
cover the VHF-low band.

The FTT-12 option affords DCS (digital coded squelch)
decoding which no conventional scanner offers. Although most
public safety transmitters employ CTCSS (analog encoding),
a nearby police agency uses DCS and there's other chatter
on the same channel from competing users.
Having a DCS decoder lets me listen to the locals
without stopping the scan on the unwanted traffic.

Haven't measured the SINAD sensitivity yet because I'm
still awaiting the proper cable to plug into the
headphone/earphone jack.

Haven't heard any intermod during the past 3 road trips,
but that's not a thorough test.
--
==========
Copyright 1996, Bob Parnass, AJ9S parnass@bell-labs.com

Find and identify transmitter sites with RadioMap(tm)

3025. Re: "HAM BURGER" READ THIS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <4of7i0$git@news.jf.intel.com>
Source record: 200512

>>.... The solution in both cases is to find a REAL provider, that
>>carries all 17,000+ of the newsgroups, for better or worse.

>No, the solution is to follow the charter as adopted by vote, so that
>everyone, including those who don't HAVE real providers they can access
>at a cheap flat rate, can continue to enjoy these groups.

That position can't be supported these days with so many different ways
to get good internet access. And with the commercialization of Internet,
what's the big deal about for-sale posts?
You guys have caused a lot more traffic by whining about it than the
original 'offenders' have, which is usually the case. If you want to
go after somebody there are lots of more deserving souls to attack.
Like me!

Morris code in a Morse Minor, yeah, that's a mobile M squared!

WA7LDV

--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

3026. pointers on IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: anonymous@ftp.com
Message-ID: <4ofech$dof@lard.ftp.com>
Source record: 200513

Hello Folks -

I hope I'm not covering too much old ground, but, can
anyone give me some pro's and con's of the IC-706. Any articles
and reeviews would be greatly appreciated. Can anyone reccommned
a good place to purchase one. I'm in the Boston area. Mail oreder
would be fine.

Thnaks !
Bill
wpapp@ftp.com

3027. Re: FT-50r Scanning: Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Gary Wilburn <ni8k@one.net>
Message-ID: <31AB40CC.605@one.net>
Source record: 200514

Rob:
Have a FT-50r and it does a good job as a scanner. Some of the features I like:
- scans at 45 channels per second (according to Yaesu at Dayton)
- receive audio is excellent compared to any HT. Very little background hiss while scanning using an earphone.
- can scan 5 diffrent frequency ranges. One at a time.
- can scan all 100 channels in memory plus has a "skip channel feature".
- can change scan direction by turning main knob up or down.
- will scan - stop then resume or can scan and stay on channel as long as there is a carrier. Seems to have a small delay built in also.
- while scanning if you hit a carrier you have the option of having the 50R beep or not beep plus turn on the disply light if desired.
- have not noticed any intermod problems - at least not yet.
- sensitivity equal to or better than my BC3000 and AOR 8000 and better than my IC-W21A
- According to Yaesu on receive with the standard 9.6v / 600mah battery - it should last a long time due to low power consumption on receive and battery saving features. All I can say is that the battery life is excellent compared to any other HT I have had in the past.

If you have 50 or so non ham band favorite frequencies above 76 mhz the FT-50R should do a good job as a back up scanner or a primary scanner if your not too critical or spoiled from using a BC3000 or similar dedicated scanner.

73's
Gary Wilburn
NI8K

Rob Curtis wrote:
>
> Like to hear about the the FT-50r's operation as a scanner. Speed,
> intermod, etc... Also, how is it on battery life?
>
> TIA!
>
> -
> Rob
> FBUL85A@prodigy.com

3028. TOWERS WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: vinpaul@usa.pipeline.com
Message-ID: <4of5p1$13a@news1.t1.usa.pipeline.com>
Source record: 200515

Want tower 45' plus and roof tower 8' plus.
Please call, 200mi.NYC, 718 948 8745.
73,
AA2PC

3029. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: chollowa@ball.com
Message-ID: <4ofejr$po8@saturn.ball.com>
Source record: 200516

In article <4o72a8$hm@service-2.agate.net>, back@maine.maine.edu
says...
>
>Is the Rat Shack DSP unit any god? It is on clearance here for $39.00?
>Yes/ No?
>reply to email please..
>baack@midcoast.com
>http://www.umecut.maine.edu/~baack
>
Yes! Its a steal for $39. The cw narrow filter is nice and the SSB
works great on heterodynes. The key to making this unit work is setting
up the AF on your rig and the DSP correctly. There will be some hiss
caused by the DSP, but for 39 bucks what do you want?

73
Cliff KB0NNC

3030. Looking for repeater freq in Palos Verdes, CA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Gordon Lee <Gordon.Lee@ElSegundoCA.ATTGIS.COM>
Message-ID: <4of3kg$i3s@rap.SanDiegoCA.NCR.COM>
Source record: 200517

A few months ago a owner of a repeater pair in Palos Verdes
posted his freq and pl on this news groups. It is a private
repeater, but he was openning it up to anyone who wanted to used
it in the Los Angeles area. I lost all this information when I
had to reset my radio. I would appreciate it if anyone out
there has this information to pass it along.

Thanks,

Gordon
KF6AWW

3031. Re: need help with Realistic htx-202 dtmf(setting tones)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <6906.6717T1427T1466@nycmetro.com>
Source record: 200518

>Hello.... I got a Realistic htx 202 about a year ago, but no manual.
>To access some of the repeaters here, I need to set my tones (to 114.8
>specifically). Does anyone here have a two meter handheld from radio
>shack such as this one, who can help me with this? I think the codes
>for the tones are in the manual. Thanx in advance.... Mark N9UVR

REALISTIC HTX-202 Summary of Button Functions

A/LOCK/CA
PTT + A.....Transmit DTMF A.....page 33
F + LOCK.....Keyboard lock.....page 19
CA.....Calling memory.....page 20

B/P-SC/PR
PTT + B.....Transmit DTMF B.....page 33
F + P-SC.....Priority scan.....page 22
PR.....Priority memories.....page 22

C/M-WR/MR
PTT + C.....Transmit DTMF C.....page 33
F + W-MR.....Memory write.....pages 20-23
MR.....Standard memories.....page 23

D/M->VFO/VF/CLR
PTT + D.....Transmit DTMF D. Follow with 1-5 to
send a DTMF sequence.....pages 33 & 34
F + M->VFO.....Write memory to VFO.....pages 20-23
VF.....VFO mode.....page 16
CLR.....Clear partially entered freq in VFO mode...page 16

1/T-SQL
PTT + 1.....Transmit DTMF 1.....page 33
PTT + T-SQL.....Tone squelch.....page 28
1.....In Standard Memory mode, first digit of
selecting memory 10, 11, or 12.....page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 1.....page 22

4/D-SQL
PTT + 4.....Transmit DTMF 4.....page 33
F + D-SQL.....DTMF-squelch.....page 34
4.....In Standard Memory mode, select Memory 4...page 23
In VFO mode, enter a frequency.....page 16

7/SAVE
PTT + 7.....Transmit DTMF 7.....page 33

F + SAVE.....Power save option.....page 31
7.....In Standard Memory mode, select Memory 7...page 23
In VFO mode, enter a frequency.....page 16

*/ \/SC
PTT + *.....Transmit DTMF *.....page 33
F + \/SC.....In VFO mode, scan down the selected range..page 30
\/SC.....In VFO, Priority Memory or Standard Memory mode
scan down.....pages 17, 22 & 23
In memory-set mode, next menu item.....page 26

2/DTMF
PTT + 2.....Transmit DTMF 2.....page 33
F + DTMF.....Store DTMF memory sequence.....page 33
2.....In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 2.....page 22

5/BEEP
PTT + 5.....Transmit DTMF 5.....page 33
F + BEEP.....Key entry beep.....page 19
5.....In Standard Memory mode, select Memory 5...page 23
In VFO mode, enter a frequency.....page 16

8/M-SET
PTT + 8.....Transmit DTMF 8.....page 33
F + M-SET.....In VFO mode, memory set.....page 26
In Standard, Priority, Calling Memory,
change options for memory channel.....page 21
8.....In Standard Memory mode, select Memory 2...page 23
In VFO mode, enter a frequency.....page 16

0/V-SC
PTT + 0.....Transmit DTMF 0.....page 33
F + V-SC.....Vacant scan.....page 19
0.....In Standard Memory mode, select 1st digit
of memory 1.....page 23
In VFO mode, enter a frequency.....page 16

3/ +/-
PTT + 3.....Transmit DTMF 3.....page 33
F + +/-.....Duplex offset.....page 18
3.....In Standard Memory mode, select Memory 3...page 23
In VFO mode, enter a frequency.....page 16
In Priority Memory mode,
select Priority Memory 3.....page 22

6/REV
PTT + 6.....Transmit DTMF 6.....page 33
F + REV.....Reverse transmit & receive freqs.....page 31
6.....In Standard Memory mode, select Memory 6...page 23

In VFO mode, enter a frequency.....page 16

9/M-CLR
PTT + 9.....Transmit DTMF 9.....page 33
F + M-CLR.....Memory clear.....page 31
9.....In Standard Memory mode, select Memory 9...page 23
In VFO mode, enter a frequency.....page 16

#/ /\SC
PTT + #.....Transmit DTMF #.....page 33
F + /\SC.....In VFO mode, scan up the selected range....page 30
/\SC.....In VFO, Priority Memory or Standard Memory mode,
scan up.....pages 17, 22 & 23
In memory-set mode, previous menu item.....page 26

F/M/PTT/L all located on the side of the unit with the PTT button

F.....Select the 2nd function of a key.....page 5
M.....Monitor a channel without squelch,
In Standard, Priority or Calling memory,
display memory's programmed options.....page 25
PTT.....Push-to-talk (transmit button).....page 18
L.....Turn on the light for 5 seconds.....page 15
F + L.....Turn on the light until you press L again..page 15

>oS (which I figured out is the Repeater offset)
>Ar touch tone auto reply on/off
>Lb priority channel lookback time
>To transmit timeout
>tE transmit inhibit
>P5 power save duty cycle
>ud vacant channel scan direction
>S2 upper scan limit
>S1 lower scan limit
>5d scan delay time
>Sc scan resume
>Sr frequency step
>rc (which I figured out is PLL decode)
>tc (PLL to Tx)

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

3032. Re: need help with Realistic htx-202 dtmf(setting tones)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: midgard@nycmetro.com
Message-ID: <2207.6718T1095T2165@nycmetro.com>
Source record: 200519

>Peter G. Campbell wrote:
>>
>> tuffguy (snod@firecraker.com) wrote:
>> : Hello.... I got a Realistic htx 202 about a year ago, but no manual.
>> : To access some of the repeaters here, I need to set my tones (to 114.8
>> : specifically). Does anyone here have a two meter handheld from radio
>> : shack such as this one, who can help me with this? I think the codes
>> : for the tones are in the manual. Thanx in advance.... Mark N9UVR
>>
>> The entire manual for the HTX-202 is online at
>> http://www.tandy.com/support/html15/15563.html
>>
>> The specific answer to your question:
>>
>> Code Freq.(Hz) Code Freq.(Hz) Code Freq.(Hz)
>> XZ 67.0 2A 114.8 7Z 186.2
>> XA 71.9 2B 118.8 7A 192.8
>> WA 74.4 3Z 123.0 M1 203.5
>> XB 77.0 3A 127.3 M2 210.7
>> WB 79.7 3B 131.8 M3 218.1
>> YZ 82.5 4Z 136.5 M4 225.7
>> YA 85.4 4A 141.3 M5 233.6
>> YB 88.5 4B 146.2 M6 241.8
>> ZZ 91.5 5Z 151.4 M7 250.3
>> ZA 94.8 5A 156.7
>> 1Z 100.0 5B 162.2
>> 1A 103.5 6Z 167.9
>> 1B 107.2 6A 173.8
>> 2E 110.9 6B 179.9
>>

>That's interesting, my HTX-202 doesn't have any of the letter codes anywhere
>on the machine itself so why do they list them in the manual? It seems like
>its a simple adjustment using the Function+M-Set keys, find the RC and TC
>(receive and transmit tones respectively) and turning the tuning knob to the
>correct subaudible tone. What exactly do the letters do for the user?
> 73 Andy KC6NMD

The Repeater Directory I have lists the CTCSS by Letter code rather than the
so I assume thats why Radio Shack lists it in their manual.

<tsb>
Midgard Graphics
3D Animation and Special FX for the hobbyist videographer
Email: midgard@nycmetro.com

--
Drop into #amigacafe on IRC's undernet for a chat sometime

--

<tsb>

A man of many hobby's master of none.

3033. LOUD Astron PS??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: boardman@cobra.unm.edu
Message-ID: <4ofsgn$ko6@lynx.unm.edu>
Source record: 200520

I recently picked up an Astron 20 amp PS at a local swap meet, and I have some questions for other Astron owners. I checked the voltage, and it checked out OK, but when I hooked it up at home and keyed up a rig that draws 8 amps or so, the PS went from quiet (no load) to making a VERY loud 60hz hum when the current draw went up. I mean loud enough to hear at the other end of the house! People I talked to also heard a 60 hz hum. At first I thought they were just hearing the audio hum, but after getting far enough away from the PS so that the hum wasn't so loud, they still could hear it on my signal. Is this normal for Astron supplies, or did I just end up with one that has a problem?

-Bob

```
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
| Bob Boardman, Albuquerque, New Mexico - KC5SFW - ARRL, Upper Rio FM Society |
| <boardman@cobra.unm.edu> PGP 2.6.2 public key available |
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
```

3034. Re: IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: jones@San-Jose.ate.slb.com
Message-ID: <4ofsej$f4b@k9.San-Jose.ate.slb.com>
Source record: 200521

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
[...]
: Somebody who *hasn't* modified their IC-706 yet please try this
: test. Tune the IC-706 to 75.352 MHz and listen on 144.365 MHz
: with your HT for LO leakage. Report back here what you hear.
[...]

Well, I tried this with my unmodified IC-706, using an Alinco DJ-580 with an Anli rubber-dummy-load antenna as a "probe". (I didn't bother disconnecting the J-pole antenna from the IC-706, as I figured if it was putting out any significant signal that way, I should be able to pick it up with the DJ-580.

After I remembered to turn off tone squelch on the DJ-580, :-), I found that I had to have the antenna within about an inch of the IC-706 to pick up the interference. I confirmed that the "interference" was coming from the IC-706 by cycling power on it, and noticing that the interference went away with the 706 off, and came back as soon as the 706 was powered on again. I tried this with the 706 in all modes. I noticed that the interference was present in all modes _except_ wide-band FM, where it disappeared as completely as when the 706 was turned off.

As a further test, I installed the separation cable, and placed the front panel on the floor about three feet from the radio. In this case, the DJ-580 had to be about 5 feet from any portion of the IC-706 for the interference to be completely undetectable. Again, the signal was present in all modes on the IC-706 _except_ wide-band FM.

All tests were done with squelch "wide open" (i.e., hearing the background hash) on the DJ-580.

--
Disclaimer: The opinions expressed above are mine and not those of Schlumberger because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 Internet: jones@San-Jose.ate.slb.com
Packet:(not currently available) RF: KI7TU ICBM: 33 20' 44"N 111 53' 47"W
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe, AZ 85284-1825

3035. TS-50S / IC-706 / DX-70 / TS-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Peter Barville <peter@barville.demon.co.uk>
Message-ID: <Viq8wAAPr3qxEw9R@barville.demon.co.uk>
Source record: 200522

I have used my TS-50S for hf mobile for quite some while now, and am very pleased with the excellent reports I receive, particularly on the transmit audio quality. The main criticism I have of the TS-50S concerns the ineffectual nature of its noise blanker.

I am attracted by the idea of replacing the TS-50S with one of the later rigs, with detachable front panel. There have been recent postings comparing these different rigs, and (as I recall) opinion seems to be that the receive performance of the rigs vary considerably. I think it was suggested that the TS-50S is the worst, followed by the IC-706, then the DX-70, with the FT-900 having the best rx.

I wonder whether anybody would care to offer any comments about the relative performance of each rig (and their noise blankers)? The IC-706 certainly offers plenty of facilities, but does it offer satisfactory performance?

By the way, I use Pro-Am mono-band whips (40m - 17m) and find their performance very good indeed.
73 - and thanks
--
Peter Barville G3XJS "It is vain to do with more
G-QRP QRP ARCI what can be done with less"
peter@barville.demon.co.uk William of Occum (1290-1350)

3036. 70 MHz Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Matt Bohn <bohn@unm.edu>
Message-ID: <31AAAF3B.3009@unm.edu>
Source record: 200523

Hello,

I am a physics graduate student and I need a 100 Watt, 70 MHz amplifier. I currently have 20 Watts at 70 MHz. I was looking into building this myself, but the publications from ARRL show some rather bizarre design features. Would this be a difficult item to build? (Can you reference circuit designs?) Or is it possible to purchase something like this? I realize this is not a Ham frequency.

The output impedance will be coaxial to terminate into 50 ohms. It is a single frequency and not modulated.

The application is to modulate a pockel cell for a laser.

Thanks for any help.

Matt

email: bohn@unm.edu

3037. Re: FT-50r Scanning: Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: jpss@ais.net
Message-ID: <jpss-2805961831480001@ts03-01.dialup.ais.net>
Source record: 200524
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,alt.radio.scanner

In article <4of7iq$6uu@ssbunews.ih.att.com>, parnass@att.com wrote:

> The FTT-12 option affords DCS (digital coded squelch)
> decoding which no conventional scanner offers. Although most
> public safety transmitters employ CTCSS (analog encoding),
> a nearby police agency uses DCS and there's other chatter
> on the same channel from competing users.
> Having a DCS decoder lets me listen to the locals
> without stopping the scan on the unwanted traffic.

> ==========
> Copyright 1996, Bob Parnass, AJ9S parnass@bell-labs.com
>
>

I think you meant to say that the FTT-12 option affords you CTCSS decode.
My radio when it came with the standard keypad DECODED DCS (DPL) already.

I agree its one of the best multi use radios around.

Chip

3038. re: Ouch! I freaked out again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Ed Gass <p27292@email.mot.com>
Message-ID: <31AB7D52.172@email.mot.com>
Source record: 200525

About thirty years ago a columnist for POPULAR PHOTOGRAPHY (I wish I could remember his name) identified the malady:

"If you can't differentiate between what you need and what you wish you needed you will always be broke."

Unfortunately, I still have not been able to come up with a cure.

Ed Gass
K5INZ
edgass@aol.com

3039. WTB: Icom 3SAT HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: dorsey@wingover.engr.sgi.com
Message-ID: <4og2o0$9u8@fido.asd.sgi.com>
Source record: 200526
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.swap

I'm interested in buying two of these radios. If you have one or two
available for sale, please send me email stating condition and price.
Thanks!

73s

Bill Dorsey (N3LMF)

3040. re: 6146b

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Jonathan Kohn <leajen@paonline.com>
Message-ID: <31ABC3C5.4CD0@paonline.com>
Source record: 200527

I stand corrected. JON N3AJB

3041. Re: IC-706 Yellow Wire Mod -- Con?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4og3lb$f5t@explorer.csc.com>
Source record: 200528

Clark Jones (jones@San-Jose.ate.slb.com) wrote:
: Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: [...]
: : Somebody who *hasn't* modified their IC-706 yet please try this
: : test. Tune the IC-706 to 75.352 MHz and listen on 144.365 MHz
: : with your HT for LO leakage. Report back here what you hear.
: [...]

: Well, I tried this with my unmodified IC-706, using an Alinco DJ-580 with
: an Anli rubber-dummy-load antenna as a "probe". (I didn't bother
: disconnecting the J-pole antenna from the IC-706, as I figured if it was
: putting out any significant signal that way, I should be able to pick it
: up with the DJ-580.

: After I remembered to turn off tone squelch on the DJ-580, :-), I found
: that I had to have the antenna within about an inch of the IC-706 to
: pick up the interference. I confirmed that the "interference" was coming
: from the IC-706 by cycling power on it, and noticing that the interference
: went away with the 706 off, and came back as soon as the 706 was powered
: on again. I tried this with the 706 in all modes. I noticed that the
: interference was present in all modes _except_ wide-band FM, where it
: disappeared as completely as when the 706 was turned off.

<del>

: Phone: (602) 345-3638 Internet: jones@San-Jose.ate.slb.com
: Packet:(not currently available) RF: KI7TU ICBM: 33 20' 44"N 111 53' 47"W
: Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,
: AZ 85284-1825

I posted results on this topic when it first appeared, but I never saw my
post appear. The bottom line was that, using an unmodified 706 and an
AR8000 with the issue duck, I could hear interference for a radius of
approx 30' around the 706.
--
Cheers 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa

3042. HF AMP TRADE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: D Montgomery <kc5ccq@wt.net>
Message-ID: <31ABB224.21AE@wt.net>
Source record: 200529

i WANT TO TRADE A HENRY 2K-4 1500W 10-80 IN MINT COND. FOR A 10-160 IKW AMP.

3043. Looking For IC-3AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: justin.devuyst@sailboard.com
Message-ID: <8C1753E.012D004BE1.uuout@sailboard.com>
Source record: 200530

HI, Thatnx for reading this MSg. I, N2ZBH, am looking for the Ic-3AT.
I am looking for anyone who wants to get rid of one that's in decient
cond. PLease send any replies to Justin.devuyst@Sailboard.com or
N2ZBH@WA2SNA.nj.USA.na on packet.
Thanks again 73,
N2ZBH

3044. Re: Looking for ultra-compact HF xceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: T E I X E I R A <teixeira@ccnet.com>
Message-ID: <4ofunf$n7p@ccnet2.ccnet.com>
Source record: 200531

Check out the sight QRP-L. When you are there you can join the
listserv QRP-L also.

There are many small CW qrp rigs that take little power. There are
some SSB qrp also. MFJ makes a 20 meter SSB QRP and CW models
for most HF bands.

Don
AC6TG

3045. Re: Looking for Mods for Icom IC22S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4ogm7c$hvh@nnrp1.news.primenet.com>
Source record: 200532

Andrew Malcolm <amalcolm@tbaytel.net> wrote:
: I am interested in any modifications that might be around for the Icom
: IC22S 2m xcvr.

TechnoLogic Concepts sells one that covers from about 144.6 to
148 MHz in 5KHz steps. email them at tlcdhconsult@delphi.com
They have similar full coverage EPROM kits for Ramsey transceivers.

73, Cecil, KG7BK (W6RCA soon), OOTC

3046. Re: Th 79 AD Mod's

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: ronm@ici.net
Message-ID: <4ogscd$10l@crusher.ici.net>
Source record: 200533

Ryan Workman <rworkman@net2.intserv.com> wrote:

>Does anyone have any mod's for this handheld?
++++III. MARS/CAP Modification provided by Mike Musick,
N0QBF++Here
is the MARS/CAP modification for the new Kenwood TH-79Adual-band HT.
Usual disclaimers about doing mods apply.1. Remove battery.2. Open
case by first removing 3 screws (#00 Phillips) on backand 1 screw on
side hidden underneath the rubber flap coveringthe DC power jack.
Gently pry apart starting at top; BNCconnector will move with back,
knobs with front.3. Spread unit out. Wires will "hinge" on the side
with the PTTbutton.4. Looking on the back of the keypad (front) half,
locate greenwire on upper left, just below the CTCSS decoder module.5.
Neatly cut this green wire, and tuck back in so ends won'ttouch each
other or other components.6. Reassemble.Programmed memory will be lost
since the CPU will notice thestrap change and reset itself.End result
- Before: VHF RX - 118.000-173.995 TX - 144.000-147.995
UHF RX - 438.000-449.995 TX - 438.000-449.995 After: VHF RX -
118.000-173.995 TX - 142.000-151.995 UHF RX -
420.000-449.995 TX - 420.000-449.995Automatic repeater offset and
shift selections remain normal.And this tip comes from Duane Voth,
KC5BGV..."The MARS/CAP mod can be made without opening the entire case
up. You can fairly easily cut the green wire by simply (and
carefully) removing the CTCSS decoder cover and using a small pair of
diagonal wire cutters."
++
IV. "Wide Band" Modification, provided by Cole Cunningham,
AA7RD++Following
is a modification for the Kenwood TH-79A Dual Band HT whichopens it up
to tuning from 67-174 MHz and 400-511 MHz. Actual receive was
85-135.995 AM and 136-179.995 FM with reasonable (0.5 microvoltor
better) sensitivity at all the points I measured. Transmit was
136-179.995 and 400-511 with power dropping off at the ends but
stillusable (about 0.5w on the high scale at the band edges).As usual,
I take no responsibility for the mods, or your use of the unit after
mod. Please exercise good judgement and don't endanger our ham bands
with your irresponsible actions.The observations noted are all I tried
and I have no further data.This is such a delicate operation that one
shot was all I wanted to do,and when it worked I
quit!!!WARNING-CAUTION-LOOKOUT-ETC!!!The diodes to be moved are
microscopic!! About 1mm long by 0.5mm wide.This mod should be done by
professionals on a closed track only.Children, do not attempt this at
home. Requires extremely small soldering tools and MUCH skill. I had
a professional surface mount facility do mine...1. Open the unit by

removing three screws from the back and one under the DC power input cover. Carefully separate the front and back pieces. The two case halves may be disconnected by pulling the wired plug and by prying the brown latch on the ribbon cable connector up enough to release it.2. On the front PC board in the lower right corner as viewed from the rear with the knobs pointing up there are seven spots for diodes in a row, with one diode missing. |
o o o o x o o | _____|
2 3 4 5 6 7 8 The numbers are D302-D308, left to right, with D306 missing.3. Remove D304, and D307. Put them away in a safe place (Just in case...)_4. You should now have:
| o o x o x x o |
_____| 2 3 4 5 6 7 85. Reassemble and good Luck.Enjoy, but don't create problems with the new capability...Wouldn't it be nice if Kenwood would make a RX only mod with these capabilities and we wouldn't have to worry about accidental transmissions where we shouldn't be transmitting. I, for one, don't want or need to TX, just RX...73, Cole, AA7RDAugust 11, 1994(Note - This mod also adds 2 more menu settings. One of which is an AM/FM demod selector for the 300-400 Mhz band. To access this band, select the VHF band, press F, then press the Low/Hi key. Repeat to return to 144 Mhz. The AM/FM selector will allow you to listen to Military transmissions in the 300Mhz band in either AM or FM. -
Clayton)++

3047. Kenwood for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Paul O'Connor <poconnor@epix.net>
Message-ID: <31AAAA8B.1151@epix.net>
Source record: 200534

Listed items are for sale prices as listed plus shipping.

1. Kenwood 440S/Tuner $800.00
2. Kenwood 430S $550.00
3. Kenwood PS430 Power supply $100.00
4. Timewave DSP-9.....$100.00
5. Kenwood IF232 (2).....$50.00
6. MFJ-492 Memory keyer.....$50.00
7. Hayes Optima 14400 modem...$100.00
8. Vibroplex Original bug..... $90.00
9. Gap Voyager DX-4 Antenna...$200.00

Please reply e-mail or 717-232-1015.
--
If the news is bad......SHOOT the messenger!
Paul O'Connor A.R.S. N3OYB
1405 Smokehouse Lane
Harrisburg, Pa. 17110

3048. Beginner Equipment/What's good

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: petsits
Message-ID: <4og09t$9g3@doc.zippo.com>
Source record: 200535

I am interested in ham radio and was wondering in any of you
older (ham years/not age) hams could give me some advise on a
good receiver or tranceiver with an eye on a Technician license.
Don't want to get into code at this point in time. Any
recommendations would be appreciated.

You can e-mail me at petsits@surf.galacticis.com

Thanks for your help!!

Pam

3049. Re: HR 2600 Service Manual needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-28 00:00:00 UTC
From: Bill Nadzam <nadzam@garlic.com>
Message-ID: <31AB577B.19C1@garlic.com>
Source record: 200536
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.swap

Call RF Parts, You won't like the photo copy of this manual
There are pictures that do not copy well in the manual.
(619) 744-0700

Vince Fiscus, KB7ADL wrote:
>
> I need the service manual for the Uniden(President) HR 2600.
>
> I'll Pay Copy costs and postage for mailing.
>
> 73 de KB7ADL
>
> vfiscus@mcn.net

--

Name: Bill Nadzam "K8WN"
E-mail: nadzam@garlic.com (Bill Nadzam)

3050. Looking for ultra-compact HF xceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: bvarley@yarrow.wt.com.au
Message-ID: <4of1gu$d7f@yarrow.wt.com.au>
Source record: 200537

I am looking for the most compact possible HF SSB set, for backpacking into remote areas. Needs to have sufficient power for moderately reliable communication up to several hundred Km. Full band coverage not required, but one good day and one good night band would be beneficial. Envisage using wire antenna such as a halfwave dipole.

Not sure of protocol on this newsgroup, but in case it helps I have a current Australian certificate of proficiency for full HF/VHF working. Due to lack of activity my callsign has lapsed.

Appreciate if someone could direct me to a source.

3051. Yaesu trade in

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: kingstoj@cadvision.com
Message-ID: <4og6aq$llc@elmo.cadvision.com>
Source record: 200538

Yaesu is offering 150 bucks for old rigs.
I will too, plus I'll pay shipping.
Yaesu is giving a voucher, to be used within 6 months.
I'm giving cash, good for ever.(untill you spend it)
You pay shipping to Yeasu.
I pay shipping.

I have a couple of boys that want to get into Dads hobby, so I thought
if anyone has a rig they wanted to get rid of, to a good cause, for Cheap!
I could make them work it off doing yard work HI HI.

I know it's a real low price, and I don't expect any offers, but if Yeasu
is offering this ammount, who am I to argue.

Yaesu can be reached at; WWW.YAESU.COM
check it out if you have a rig to get rid of.
Then come back and read this again.

Jim Kingston VE6CCN

3052. Re: FT-50r Scanning: Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4ogbb3$b02@ssbunews.ih.att.com>
Source record: 200539
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,alt.radio.scanner

In article <31AB40CC.605@one.net>,
Gary Wilburn <ni8k@mail.one.net> wrote:

> Have a FT-50r and it does a good job as a scanner. Some of the
>features I like:
>- scans at 45 channels per second (according to Yaesu at Dayton)
> ....

I like the FT50R, too, but mine scans much more slowly.
It scans memories at 10 channels per second, under
these conditions:

18 channels in scan list
6 of those channels had CTCSS decoder bit set
1 channel had DCS decoder bit set
channels 1 - 23 programmed
5 channels with Skip bit set

I've measured the scan rates on several scanners and ham
radios and find that often

1) the scan rate is lower than the manufacturer's claims
2) the manufacturer's specifies an impractical
"maximum scan rate", instead of a typical scan rate.
--
==========
Copyright 1996, Bob Parnass, AJ9S parnass@bell-labs.com

Find and identify transmitter sites with RadioMap(tm)

3053. Looking for Mods for Icom IC22S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Andrew Malcolm <amalcolm@tbaytel.net>
Message-ID: <4og8oh$fv8@Ouimet.tbaytel.net>
Source record: 200540

I am interested in any modifications that might be around for the Icom IC22S 2m xcvr.

3054. Re: Need Motorola programing software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: egg117@carroll.com
Message-ID: <4ogijk$jjg@ruby.interactive.net>
Source record: 200541

twob@eagle.ais.net (SnareCom) wrote:
Thanks alot for that information. I was not aware of that. The
dealers always told me that I was not privledge to buy from motorala.
Thanks again!

Chris

>On Sat, 25 May 1996 23:29:01 GMT, egg117@carroll.com (Christopher
>Anthony) wrote:

>>dennism@cache.net (Eric) wrote:
>>
>>>Does anyone have programing software for Motorola radios. I bought some
>>>radios and I need to program them.
>>
>>>73 de KC7BDT
>>
>>If you find out let me know as well. I though that programming
>>motoral radio was illegal? Only authorized ressellers can?

>Its not that reprogramming the radio itself is illegal. Its the fact
>that you are doing it with unlicensed soffware. Motorola sofware can
>only be purchased direct from apd, it cannot be resold once purcahsed
>either. Give them a call, they will happily sell it to you, but they
>make it $350 so that one one, other than a service shop, will buy it.

>Motorola americas parts division: 800-422-4210

3055. INFO? Concord Transceiver Model TG-093

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: dr@ripco.com
Message-ID: <Ds5C4s.74u@rci.ripco.com>
Source record: 200542
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment

I have an old one-channel Concord Transceiver model TG-093. It takes a single 9-V battery, has crystals for ch.9, specs inside case give freq. as '27MC Band'. Made in Japan

It has an external power connector, push-to-talk, volume and a small threaded socket for an antenna- is there a standard single-contact connector about a quarter inch?

With a metal case, bakelite circuit board, and metal can transistors, I'd be interested in knowing how old this is, and if anybody has a compatible antenna or an adapter to fit the standard 'whip'.
--
David Richards Ripco Communications Inc.
My opinions are my own, Public Access in Chicago
But they are available for rental FREE Usenet and Email
dr@ripco.com (312) 665-0065

3056. Sales tax at hamfests?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Lee Blaske <lblaske@pclink.com>
Message-ID: <51c7cc$1719f.169@news.pclink.com>
Source record: 200543

I'm on the committee for the largest hamfest in Minnesota. In the past few years, we've been having a lot of difficulty attracting any retailers from outside Minnesota. The reason is because the Minnesota Department of Revenue has been getting really aggressive about sales tax collection. I'm not talking about collecting sales tax at the show; I think most above board dealers will do this whenever they attend a show outside their state.

The problem for us is that the Minnesota Department of Revenue considers anyone who attends a hamfest in Minnesota as having established a "retail presence" in our state. After attending a hamfest in Minnesota, a retailer from a different state is required to collect Minnesota sales tax on all mail order purchases from people in Minnesota.

Needless to say, for retailers who do a lot of mail order business, there is an extreme disincentive to ever come to Minnesota. Since a lot of hams use mail order to avoid sales tax, having to collect the tax would hurt business. Of course, all Minnesota residents are supposed to send in use tax whenever they purchase anything from outside the state, but few people do. The state would rather nail out of state retailers than Minnesota residents. I guess it's the popular thing to do, but it really hurts the state when it comes to trade/hobby shows like hamfests. It's pretty shortsighted.

We used to have a lot of out of state retailers at our show before the tax people cracked down on them. AES, for instance, has attended our show in the past, but will no longer come.

Anyway, I've been waging a letter writing campaign to try to change things. I don't know how far I'll get, but it can't hurt to try.

I'd really appreciate getting information from those of you reading this on your respective states handle the sales tax issue. Do your departments of revenue sock it to out of state retailers, or isn't it a problem? How aggressive is your state when it comes to collecting use tax on mail order purchases?

Any information would be helpful.

73,

Lee AA0EF lblaske@pclink.com

3057. Re: FT-50r Scanning: Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "James F. Boehner, MD" <jboehner@csra.net>
Message-ID: <31ABD72C.756B@csra.net>
Source record: 200544
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,alt.radio.scanner

Bob Parnass, AJ9S wrote:
>
> In article <31AB40CC.605@one.net>,
> Gary Wilburn <ni8k@mail.one.net> wrote:
>
> > Have a FT-50r and it does a good job as a scanner. Some of the
> >features I like:
> >- scans at 45 channels per second (according to Yaesu at Dayton)
> > ....
>
> I like the FT50R, too, but mine scans much more slowly.
> It scans memories at 10 channels per second, under
> these conditions:
>
> 18 channels in scan list
> 6 of those channels had CTCSS decoder bit set
> 1 channel had DCS decoder bit set
> channels 1 - 23 programmed
> 5 channels with Skip bit set
>
> I've measured the scan rates on several scanners and ham
> radios and find that often
>
> 1) the scan rate is lower than the manufacturer's claims
> 2) the manufacturer's specifies an impractical
> "maximum scan rate", instead of a typical scan rate.
> --

Any info on opening up the 800 mhz segment of the FT-50R yet?
Thanks in advance!
'73 de JIM

3058. Re: Looking for SRF2926 Transistor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: x0schech@ti.com
Message-ID: <4ogntg$6d2@news-f.iadfw.net>
Source record: 200545
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

In article <4od7hf$as8@nnrp1.news.primenet.com>,
markem@primenet.com says...
>
>I'm trying to locate a SRF2926 transistor to repair
the PA in a UHF repeater.
>I can't find them listed in any of my catalogs (which
are not extensive).
>Anyone know of a source or replacement for them?
Anyone have any spares laying
>around? It's a late 70's vintage Aerotron unit, if
that helps.
>
>Thanks & 73... Mark AA7TA

What you've got is a Motorola transistor that was a
"special". SRF's usually have a standard counterpart
(such as an MRF455 in the case of an HF power
transistor) but were house-marked for a particular
company's application due to a special requirement.
They may be graded for a certain beta range or, more
likely in your case, for having more tightly controlled
UHF parameters than a standard MRF part would have from
any given lot.

Sometimes, companies have parts specially marked just
to discourage copycats. The silly part is that
these special parts often have the Motorola "bug"
printed right on the top (although Motorola probably
won't release the actual cross reference information
for one of their customer's source control drawings).
WHat you might do is get hold of an old Motorola RF
Devices handbook and just do some detective work.

You probably know the output power and frequency range
of the device; you know or can measure the Vcc (and
double it to put you in the ballpark of the proper Vcex
ratings for a Class-C UHF power amp). THe case type is
obtainable by simple observation and comparison to
what's in the catalog.With this info, you can generally
cross-reference the device to a standard part with a
minimum amount of trouble and with a high degree of
certainty.

Hope this helps!

73's

Geoff NQ7A

3059. FS: Heath HWA-9 bandpack parts kit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: murrayl@cs.hope.edu
Message-ID: <4ognmo$dlo@news.cs.hope.edu>
Source record: 200546

Adds 30, 17, 12, 10 m to HW-9

unopened, $40 + $3 shipping
MurrayL@macatawa.org

--
MurrayL@macatawa.org

3060. FS: SB-110 VFO/LMO, unopened box

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: murrayl@cs.hope.edu
Message-ID: <4ognom$dlo@news.cs.hope.edu>
Source record: 200547

110-28 spare LMO for SB-110

$60 + shipping

MurrayL@macatawa.org

--
MurrayL@macatawa.org

3061. WTB: Kenwood Tk-900 series

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: von1@ix.netcom.com
Message-ID: <4ogkut$o7h@dfw-ixnews9.ix.netcom.com>
Source record: 200548

I'm looking to find any used/good condition Kenwood Tk-930's or similar models in HT for business use. These are the 800 mhz repeatable trunked systems.

Thanks

Dave.... Von1@ix.netcom.com

3062. Help! need test point for WFM for MX7000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: corrigad@televar.com
Message-ID: <4ogot5$3mr@golden.ncw.net>
Source record: 200549

Hello, anyone happen to have a schematic handy for a Regency MX 7000
that can tell me a handy spot to tap into the wideband FM IF? I am
trying to use an Icom 751 to monitor the IF to demodulate the SSB
signals on VHF-Mostlly 6 meters. The 455Khz IF works great, just too
narrow to move the Icoms VFO around more than 10Khz on each side of
the IF center. Seems like the wideband IF would be alot better for
this purpose. I have a circuit for sampling the IF without loading it
down that is good to +25Mhz. Anyways, I brought the IF out thru the
back of the scanner with an RCA jack and it works pretty decent.
Anyone give me a hand?
Thanks very much for reading!
-Dave , KB7SVP

3063. IDR-96 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: vvv@radio.stack.net
Message-ID: <4ogslo$4tk@ns.serpukhov.su>
Source record: 200550
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In June QST (p 7) I read about Integrated Data Radio from AEA.
I not find any helpful information about IDR-96 on the AEA WWW and they
will answer on phone call only.

If you know what's price and which radio (TEKK, other, own) is in a box,
PSE let me know.

AEA can be reached:

Call these numbers 8:00 am to 4:30 pm (PST), Monday through
Friday:
Main Office: (206) 774-5554
Upgrade Hotline: (206) 774-1722
Call these numbers anytime:
24-Hour Literature Request Line: (206)712-8054
Fax:(206) 775-2340

73! de RX3DIN Victor

3064. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: mreiney@hevanet.com
Message-ID: <4ogvtq$6ol@vista.hevanet.com>
Source record: 200551

The Standard antenna is not a very good performer. The sex is the
same so it should fit. Wanna trade?

duane park <dspark@ix.netcom.com> wrote:

>Does anyone know if the antenna on a Standard c-508A dual band radio is
>the same type & gender, (sma) that is on the FT-50r?? If so, the Standard
>antenna is much smaller and would work nice on the FT-50r

3065. Re: 70 MHz Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <833359106snz@microvst.demon.co.uk>
Source record: 200552

In article <31AAAF3B.3009@unm.edu> bohn@unm.edu "Matt Bohn" writes:

> I am a physics graduate student and I need a 100 Watt, 70 MHz amplifier.
> I currently have 20 Watts at 70 MHz.

> ... is it possible to purchase something like this? I realize this is
> not a Ham frequency.

This IS an amateur frequency and if you want to purchase such an amplifier ready made, call BNOS, Geat Dunmow Essex, 01371-856681, or call their distributor, Lowe 01629-580800. I believe that the model number used to be CLP70-10-100, but this may have changed in the past 3 years.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3066. KENWOOD TM741A For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: prljmfan@best.com
Message-ID: <4ogtnj$ag6@nntp1.best.com>
Source record: 200553

KENWOOD FM MultiBander TM741A for Sale, comes with mounting bracket,
and antenna. $400 or best offer

Sean
prljmfan@best.com
San Jose, Cal.

3067. 440 repeaters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Jed Barton <jed@conan.ids.net>
Message-ID: <Pine.SUN.3.93.960529061530.22362A-100000@conan.ids.net>
Source record: 200554

Hey there guys, well I am looking for some input on a 440 repeater. I am looking to put one on the air and wondering if any of you have suggestions on equipment to get. I have heard good things about icom a yasu machines. However, the more input the better. I have also heard good things about spectrum. Any input would be appreciated. Thanks and 73 from Jed.n1jbc

+---+
| Jed Barton <jed@conan.ids.net> Emerson College |
| Phone: (617)728-1971 Undergraduate School |
| Amateur call: n1jbc (general class) Boston, Ma 02116 |
| "I may be blind, but my resume tells the whole story." |
+---+

3068. Re: 70 MHz Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: 100317.1432@compuserve.com
Message-ID: <4oh965$rja@hil-news-svc-3.compuserve.com>
Source record: 200555

Matt Bohn <bohn@unm.edu> wrote:

>Hello,

>I am a physics graduate student and I need a 100 Watt, 70 MHz amplifier. I currently
>have 20 Watts at 70 MHz. I was looking into building this myself, but the
>publications from ARRL show some rather bizarre design features. Would this be a
>difficult item to build? (Can you reference circuit designs?) Or is it possible to
>purchase something like this? I realize this is not a Ham frequency.

>The output impedance will be coaxial to terminate into 50 ohms. It is a single
>frequency and not modulated.

>The application is to modulate a pockel cell for a laser.

>Thanks for any help.

>Matt

>email: bohn@unm.edu

Oh, but it is a Ham frequency, in the UK! We have an allocation from
70.0MHz to 70.5MHz. This means that there are several PA designs and
kits available in the UK for this band.

There is a design for a 100W 70MHz PA in the RSGB's VHF Manual, which
you can probably get through the ARRL.

I could dig out the names and addresses of some UK companies selling
kits for 70MHz PAs, but unfortunately I am at work, and my 'library'
is at home! If you would like me to do so, please Email me.

As a footnote, I believe that there are moves afoot to get a 70MHz
allocation for more countries (in Europe at least), though with the
speed at which these things work, it'll probably be well into the next
century before this happens!

73 de Ian, G0TCD.

Email: 100317.1432@compuserve.com
Packet: G0TCD@GB7MSW.#33.GBR.EU
Amprnet: g0tcd@g0tcd.ampr.org

3069. Re: LOUD Astron PS??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: XKZX95A@prodigy.com
Message-ID: <4oh9k8$hpi@useneta1.news.prodigy.com>
Source record: 200556

No this isn't normal,especially in an astron. Check and make sure that
the
three prong plug is still intact,and connected to chasis gnd of unit.

3070. Re: Ignition noise problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: XKZX95A@prodigy.com
Message-ID: <4oh9ct$1mo8@useneta1.news.prodigy.com>
Source record: 200557

You could make sure that your ground for your antenna, and ground are the same (no big ohm difference). Also you could make sure ground strap wire,

which is the braided wire, from engine to car body is tight and making good connection. With car running unpug the antenna and see if it goes away.

TONY812@PRODIGY.COM

3071. Wanted: TU-7 for TR-751E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Jos&#65533; Manuel Ribeiro <deec643@tom.fe.up.pt>
Message-ID: <31AC36AF.446B@tom.fe.up.pt>
Source record: 200558

I am looking for CTCSS unit (TU-7) for my TR-751E.
Any help would be greatly appriciated.

CT1DYW
Josï¿½ Ribeiro
deec643@tom.fe.up.pt

3072. DJ 560 help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Daniel_F._Stiles@inetgate.UShmm.ORG
Message-ID: <9604298333.AA833378351@inetgate.ushmm.org>
Source record: 200559

I just traded for an Alinco DJ-560 and would like
to hear comments about mods or tricks that have
been learned.

I do not care about making it transmit out of the
ham bands as I am not licensed to operate there.
But, I would like to listen.

Any info would be appreciated

73, Dan KB1BG
dstiles@ushmm.org

3073. vhf/uhf absorption wavemeter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: g8jnz@aol.com
Message-ID: <4ohc5v$onh@newsbf02.news.aol.com>
Source record: 200560

Hi, thanks for reading this.

Does anyone know of a source of vhf/uhf absorption wavemeters covering the range 250 MHz to aprox 1 GHz? There seems to be no one making them in the UK anymore.

Thanks.
Bob

3074. TS850AT CONTROL NEED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Jos&#65533; Manuel Ribeiro <deec643@tom.fe.up.pt>
Message-ID: <31AC3D8D.794B@tom.fe.up.pt>
Source record: 200561

I WOULD LIKE TO FIND A GOOD COMPUTER CONTROL PROGRAM AND INTERFACE FOR A
TS850AT. IF SOMEONE CAN DIRECT ME TO A PROGRAM NAME OR FTP SITE OR SUCH
IT WOULD BE GREATLY APPRECIATED.

THANK YOU
JOSï¿½ RIBEIRO - CT1DYW
DEEC643@TOM.FE.UP.PT

3075. Re: Looking for ultra-compact HF xceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4ohcgq$l3i@info4.rus.uni-stuttgart.de>
Source record: 200562

In article <4of1gu$d7f@yarrow.wt.com.au>,
bruce varley <bvarley@yarrow.wt.com.au> wrote:
>I am looking for the most compact possible HF SSB set, for backpacking
>into remote areas.

Consider the Ten-Tec Scout 555. It has a good receiver, 50W
out, and a very low price. It can be operated for a long time
from a moderate battery and incorporates a SWR meter.
Several hams reported good results with it.

73, Moritz DL5UH

3076. Re: Ft50 and ic 7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4ohioc$q74@newsbf02.news.aol.com>
Source record: 200563

I have a Yaesu FT51R, and an Icom IC-T7A. (Also an Icom IC-T22A, but it's not
a dual-bander). I wasn't too fired up about the modern styling of the T7A,
but over a few weeks it dosen't look quite so futuristic; I like it now...

I carry the T7A because it is MUCH smaller than the 51R, if both radios have
the 12-volt packs... the Yaesu is small with the smaller battery pack, but
you can't get 5 watts out of it then. The Icom just gets heavier, not
larger. If you don't neet 5W, use the battery that comes with it (gives you
3W) and it is SO LIGHT!

A voltage meter comes on for a few seconds when you power up the radio. The
Yaesu can be displayed continuously.

Both have AM air RX. Icom has (4) sets of programmable scan pairs, and built
in pairs (all 144, all 440).

I wish the T7A had alphanumeric display (like the T22A), but I use the
memories to compensate (10's for local police zones 1-13 (Chicago) 20's for
2-meter, 40's for 440, 50's and 60's for travelling). Bar far the most
simple radio I have ever owned to program. Both the Yeasu and Icom offer
programming software (Yaesu is Windows and really nice, Icom is DOS and not
as pretty, but functional.

I find the sliding lock switch kind of strange, but I don't use wide
variety of lock combinations... only PTT, PTT and freq, more
combinations than I care to go into.

My Icom accessories (HM-46 mike (I REALLY like this mike, small and TOUGH...
the plug is short so there's not a lot of leverage on the jack, the HUGE plug
on the Yaesu display mike scares the crap out of me) and the headset) work
with my T22A, and worked with my 2-SAT... nice not to have to buy all new
stuff for each radio.

The T7A has an automatic squelch (that can be adjusted, but seems to work
quite nicely, so I haven't had to), and a volume KNOB instead of the
up/down

buttons of the Yeasu FT51R... personal preference, but it seems like the steps on the buttons are just a little above or below what I want.

The tone scan feature is nice... I can use it on RX of public service (police, fire) and see the PL tone (like I have any use for that info...).

You can only use one band at a time with the Icom, but I hardly ever used the
dual RX in the Yaesu anyway. No "function" key, the keys have two uses depending on whether you press and release, or press and hold before releasing.

My only gripes are: No alphanumeric, and the case has a cutout to let you use
the sliding lock switch, and stuff gets in through that cutout, kind of defeats the purpose... I just use the case from the T22A - no cutout. The T22A and the T7A use the same batteries, too. BONUS! Hope Icom makes this a
standard battery for a while.

The Yaesu has a really nice display, alphanumerics, on-board help (Icom has
on-board help displays too... I don't understand why no user-programmed alphanumerics), a lighted keypad, and a really trick lighted display mike, with freq readout, and remote control. The Yaesu has been a good radio, but
the Icom seems to be more in a smaller package.

I'm selling my FT50R to my brother this weekend... does that help? :-)

Mark N9SRT@aol.com

3077. Re: Motorala Micor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: davidp@mindspring.com
Message-ID: <davidp.107.060AC2D8@mindspring.com>
Source record: 200564

In article <4oa2h0$bf6@news.mcn.net> johnestein@mcn.net (John E. Stein) writes:
>From: johnestein@mcn.net (John E. Stein)
>Subject: Motorala Micor
>Date: Sun, 26 May 1996 17:58:32 GMT

>Hi! I have a fellow ham who's picked up an old Motorala Micor. He's
>looking for any kind of a manual with schematics . The only
>information he has is off the radio itself.

>FCC Xmtr Data : CC 3161

>Model T83RTA1404BA

>S/N 203CDE4804

>We have no idea what range the radio is designed to operate in. His
>plans are to modify it to operate in either the 2 meter range or 7 cm.
>range. I'm not sure but I think he wants to use it for a repeater.

>He'd be grateful for any info.

>You can email me at : johnestein@mcn.net as well.

>Thanks!
>John
>KC7MRY

Hi John. Looking at the Motorola model number - -T83RTA1404BA - - The "8" tells us that it is a high power radio - - 110 watts. The "3" is the frequency range - - 146 to 174 mHz. The "1" designates carrier squelch (no PL), and the "4" means that it is a four channel unit. I don't have a manual, but this will at least tell you what you have.

David Patterson davidp@mindspring.com

3078. Yellow wire mod on ICOM IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4ohlsl$o0a@news.cais.com>
Source record: 200565

Has anyone clipped the "yellow wire" on the ICOM 706 to get decent sensitivity outside the vhf ham bands yet? Did it increase intermod on 2 meters??? Dose it void the 1 year warranty by Icom??? N4ZGT David.

3079. Anyone got a service manual for President Lincoln??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Erik Finskas OH2LAK <finskase@ee.port.ac.uk>
Message-ID: <31AC5EAF.71AF@ee.port.ac.uk>
Source record: 200566
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.homebrew

As the subject tells, I am looking for a service manual for President
Lincoln.
If you have one, please mail me. I would be interrested of a copy.

Erik
--
Erik Finskas M1AAJ & OH2LAK
Email Finskase@ee.port.ac.uk
Lakki@clinet.fi
University of Portsmouth, UK
Department of Electric and Electronic Engineering

3080. Re: Kenwood TM-241A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4ohop4$i92@news.whidbey.com>
Source record: 200567

I have that mod...

subbustr@whidbey.net

3081. 48 FT. ROHN TOWER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: ka1kla <ka1kla@ici.net>
Message-ID: <4oh94m$4ds@crusher.ici.net>
Source record: 200568

I HAVE A ROHN HBDX 48 F00T FREE STANDING TOWER FOR SALE.IT'S DOWN AND READY TO GO
ASKING $300.00 OR TRADE FOR COMPUTER SET UP.NAME IS DICK,KA1KLA

3082. 48 FT. ROHN TOWER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: ka1kla <ka1kla@ici.net>
Message-ID: <4oh95q$4ds@crusher.ici.net>
Source record: 200569

I HAVE A ROHN HBDX 48 F00T FREE STANDING TOWER FOR SALE.IT'S DOWN AND READY TO GO
ASKING $300.00 OR TRADE FOR COMPUTER SET UP.NAME IS DICK,KA1KLA

3083. Radio Shack Prices Outrageous

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Kevin Muenzler <wb5rue@amsat.org>
Message-ID: <19960529114719.aaaa003Dn@babyblue.cs.yale.edu>
Source record: 200570

schmooze@msn.com (Ariel Maiselman) writes:

-What do you think Radio Shack stands for?
-Needless Markup"""""""""""
-If i were you, I would'nt touch the place, i purchased htx 202 2
-meter fm Broke 5 x's and still not opperating, then i bought a
-voltage meter, it was about a week to break, they said it was faulty,
-from the manufacture, who's the manufacture?? Any over sea's Company
-that is willing to sell their wares, specially when their inferior
-quality""""""""""""" That's Radio Shack"""""""

How many times did you take it in for repair? Why didn't you ask for
a new one? I worked for Radio Shack part-time off and on for about
fifteen years. I never understood why people would buy something
and bring it back several months later saying that it never worked and
expected to have it fixed for free. Why didn't they bring it
back the day it stopped working? (or shortly thereafter) Radio Shack
is generous to a fault when it comes to equipment that is "bad out of
the box." They are always more than happy to replace the faulty
equipment. If your volt meter took a week to break did you take
it back for a replacement? If you did and the problem was with the
volt meter and not caused by abuse or accidental damage they would
have replaced it with a smile. I still have the FIRST DVM that
Radio Shack ever sold. It is over fifteen years old and still
works fine. I have some of their stereo equipment that is more
than twenty-five years old that works better than most of the
newer digital stuff. Sounds like someone dropped the ball
on this one. From your attitude it sounds like it was you. I have
never had a bad experience at Radio Shack where either the store
manager or district manager didn't fix the problem to MY satisfaction.
I purchased one of the first HTX-202 rigs. It was one of the those
with a design flaw that caused the zener regulator to fail because it
was mounted too close to the final transistor. It was fixed and
modified at no charge to me. Granted Radio Shack tends to skimp
on features to keep the cost down and the markup up but the don't
skimp on the quality of the features they do include. However,
as with any company they do occasionally produce a lemon.
The DSP-40 is excellent piece of equipment for $80 and really
great for $40! The only shortcoming that it has no noise filter.
As a narrow CW filter it is excellent. As a heterodyne eliminator
it is excellent. What can you expect for $80? The next closest DSP
is one by Timewave for $150. What's the difference? The Timewave
unit has a noise filter. You may find that the attitude of the Radio
Shack personnel and their willingness to help depends on the attitude
of the customer. If you walk in and slam the merchandise on the

counter you the Radio Shack people are much less likely to bend
over backwards to help you.
Kevin, WB5RUE
wb5rue@amsat.org

3084. DSP-TNC or NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <Ds6ADI.1wu@mv.mv.com>
Source record: 200571

I have been using an older PK-232MBX for RTTY I have tried a friends tnc for pactor and would like to use that mode also.

I have the option of upgrading the firmware on the PK232MBX and getting pactor software or selling it and getting a DSP-232 that comes with software. I would like to know if anyone has had experience with the DSP-232 on RTTY and if it works noticably better on poor signals, QRM and other adverse band conditions. I don't mind spending the extra money but would want it to be an improvement over my old PK-232.

Thanks in advance

Richard N1VXW

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email rlubash@poco.mv.com

3085. FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "David L. Williams" <74673.3553@CompuServe.COM>
Message-ID: <4ohs4ugll1@mhafn.production.compuserve.com>
Source record: 200572

I have a FT-530 that I modified about 2 years ago to receive (it might also transmitt) comercial frequencies. I haven't used it in a while and now the batteries are dead. The part I can't remember is when you first turn it on you need to hold down a couple of buttons to finish the modification. Does anyone remember how to do this?

David Williams
Dwilliam@ksjo.com
KD6QPR

--
David Williams

3086. Another Ramsey kit to avoid

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDs68Gx.5E5@netcom.com>
Source record: 200573
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Looks like I fell for it again, and bought another Ramsey kit (when will I learn :-)

I picked up the FM-6 "Crystal Control Micro Size FM Transmitter Kit", hoping to use it as a Fox transmitter. It seems that enough calls were made to get them to use a crystal other than one for *144.0* MHz; now it is supposed to be on 146.565 MHz (the Fox frequency) +- 50KHz; mine is right on the 146.64 Waltham repeater's output, among others.

This is a surface-mount kit with a varactor-tuned crystal oscillator around 12 MHz followed by a quadrupler and a tripler to get to 2M. What it *doesn't* have is ANY filtering. I put it on the spectrum analyzer, and it is a very nice comb generator, with spurs every 12 MHz (including the aircraft band and FM broadcast band) These spurs (as well as the 2nd harmonic) are at most 5-10 dB down from the fundamental.

I called Ramsey, and their only response was "Look in the ARRL handbook and add a filter"; they will not take it back even though, if assembled correctly as per their instructions, it is *not* legal to use.

Also, this is advertized as a bug or surveilance transmitter, and not until the very end of the manual does it mention:
"The FM-6 operates in the 2 meter Amateur radio band and should be used by or under teh direction of a properly licensed ham operator."

So it looks like another Ramsey kit to avoid...

On the other hand, I am just finishing up the Ten Tec 2M kit; that's one very nice kit, and I would recommend Ten Tec kits to anyone who wants to get into kit building...

/mike
--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- --- Boston Amateur Radio Club: http://www.barc.org/barc --- -*-
/|\ or send "info barc-list" to listserv@netcom.com /|\

3087. Re: Automatic Tone Search (ATS) on Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: klausner@crl.com
Message-ID: <4ohtlh$9q1@crl.crl.com>
Source record: 200574

In article <sourceDs1L3n.Dp9@netcom.com>,
David Harmon <source@netcom.com> wrote:
>In article <4o7vnd$lu1@crl8.crl.com>, Ben Klausner <klausner@crl.com> wrote:
>>
>> Thanks for the reply, but that doesn't seem to work for me. I activate Tone
>> Squelch, then try F-2 to set Tone Frequency, and hold the Up key. AAs long
>> as I hold the key the value changes, but when I let go it stops. Do I need
>> to test this against a live signal with tone?
>
>Sounds like something is wrong; it should have worked just as described.
>When you hold the Up key for a second it should start scanning the tone
>frequencies. It scans quickly when no RF is being received, then slows
>down when a signal is detected, then stops when the matching tone freq is
>detected. Or at least, mine does. Do you have a very early FT-51R? The
>procedure is not described in my FT-51R manual but on a loose sheet that
>came with it, so maybe it was a version add-on? Does your Tone Squelch
>work otherwise?

Thanks for all the replies. Turns out this was a case of stupid-user-error.
I needed to engage _Tone_Squelch_ not Tone Transmit before trying the ATS.

Duh...

--

Ben Klausner, N5DJL | "Beware of bugs in the above code;
klausner@crl.com | I have only proved it correct,
Austin, TX | not tried it." -- Donald Knuth

3088. Re: Needed: FM stereo multiplex ICs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Rick Cramer <rickc@eden.com>
Message-ID: <4oi09i$1b0o@newsgate.sps.mot.com>
Source record: 200575
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.shortwave

I too have been trying to find a stereo mx chip.
Does anyone know of any more information... the web sites mentioned
below were not much help.

Rick Cramer
rickc@front242.sps.mot.com
N5HVT

Subject: Re: Needed: FM stereo multiplex ICs
From: Chris FormyDuval, cdformyd@eos.ncsu.edu
Date: Tue, 28 May 1996 01:34:49 -0700
In article <31AABAA8.4554@eos.ncsu.edu> Chris FormyDuval,
cdformyd@eos.ncsu.edu writes:
>Michael Fickenscher wrote:
>>
>> As stated in the subject, I need to get my hands on a couple of stereo
FM
>> multiplexor chips (and their appropriate demultiplexor IC). Additional
>> requirement: must be cheap, as these are for weather balloons that I
will
>> probably never see again after launch.
>>
>> Please email me with any ideas on where I can get these chips.
>>
>> --
>> Michael Fickenscher

>> Undergraduate Student, Great wits are sure to madness near
allied,
>> Electrical Engineering And thin partitions do their bounds
divide.
>> University of Nebraska-Lincoln - Dryden, "Absalom and
Achitophel"
>> ----------------------/ mfick@engrs.unl.edu
/-------------------------
>Try the homepages of National Semiconductor, Harris, TI etc. You should
>come up with several choices as well as datasheets and app. notes.
>Chris

3089. Want too Buy Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: braymer@InfoAve.NET
Message-ID: <01I5A2STUAKI8X0BSD@InfoAve.Net>
Source record: 200576

Want too buy a 10 or 20 channel bearcat,regency scanner
table model for my father.Nothing fancy want too cover
30-50 140-174mhz, Something around $30.00

Email too Bobby Raymer at braymer@InfoAve.Net

3090. Re: WTB, receive xtal for Kenwood TH-21AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Rick Cramer <rickc@eden.com>
Message-ID: <4ohvpt$g5c@newsgate.sps.mot.com>
Source record: 200577
Cross-posted to: rec.radio.amateur.homebrew,REC.RADIO.AMATEUR.EQUIPMENT

In article <4oe9fq$1dr@vista.hevanet.com> miker in Tigard,
mreiney@hevanet.com writes:
>I need a receive crystal for a Kenwood TH21-AT handheld.
>It's 61.84964 MHz or thereabouts. Designated X2.
>thanks, miker

I also have a Kenwood TH-21-AT. I have been trying to find out
where I can get a PL tone circuit for it. In addition, I need
to know where in the HT it goes. Can anyone help me?

Please send email!

Rick Cramer
N5HVT

3091. Re: Smith Charts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4oi0lh$jt5@chnews.ch.intel.com>
Source record: 200578

In article <4o59cc$jdn@que.iphase.com>, Wes Atchison <wes@iphase.com> wrote:
>Could you point me to the Simth Chart on Postscript?

I downloaded the smith.ps file but Ghostscript says there's an error in the following section. I am not a Postscript guy. Has anyone else had the problem and know the solution. The [initial increment limit proc FOR] statement seems to be going too far and causing something like a divide by zero error.
73, Cecil, KG7BK, OOTC (not speaking for my employer)

```
%***** regions minordiv majordiv Doimmittance -
%*
%* Draws the R & X (or G & B) circles
%*
/Doimmittance {
/Majordiv exch def /Minordiv exch def /Regions exch def
0 1 Minordiv length 1 sub {/index exch def

Minordiv index get /minorinc exch def
Majordiv index get /majorinc exch def

0 /r1 exch def % wings
Regions index 1 add get /r2 exch def
Regions index get /x1 exch def
Regions index 1 add get /x2 exch def
Doblock

Regions index get /r1 exch def % trunk
Regions index 1 add get /r2 exch def
0 /x1 exch def
Regions index get /x2 exch def
index 7 eq {majorinc 3 def} if % yukky hack
Doblock
} for

0.5 setlinewidth
Unitradius neg 0 moveto Unitradius 0 lineto stroke
0 0 Unitradius 0 360 arc stroke
50 10000 0 DrawRarc
50 0 -10000 DrawRarc
50 0 10000 DrawXarc
-50 10000 0 DrawXarc
newpath 0 0 2 0 360 arc
currentgray 1 setgray fill setgray 0 setlinewidth
0 0 2 0 360 arc stroke
0 0 0.25 0 360 arc stroke
```

```
} def
```

3092. Gonset G-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: skipperm@MTC2.MID.TEC.SC.US
Message-ID: <4oi3c9$qll@news1.sunbelt.net>
Source record: 200579

I need a schematic and/or service data on the Gonset G-50 6-meter transceiver. Will be glad to pay any cost associated with copying and mailing information.
Thanks

Regards
Skip KE4DFY
email skipperm@mtc.mid.tec.sc.us

3093. Re: FT-50r Scanning: Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: 73573.1504@compuserve.com
Message-ID: <4oi4kp$k8@nntpa.cb.att.com>
Source record: 200580
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,alt.radio.scanner

I took my radio to the Indy 500 race this weekend and used it to access the Indianapolis repeater as well as using it as a scanner to listen to the pit crew/driver communications, race control, and broadcasters. Some of the things that I really liked about using the radio as a scanner are adequate scan speed, great audio, alphanumics to identify the channels, the ability to program the radio with the computer and save the information in a file, and the small size compared to a conventional scanner.

However, in an EMI hostile environment like a race track, I experienced a lot of interference from IMD's , bleedthrough etc. Most of the signals at the track are very strong (I was able to pick up a perfect signal from the track safety crews when I was 2 miles away from the track). My Bearcat 200XLT did not experience interference as badly as my FT-50 and my brother-in-laws Realistic scanner did not experience any interference (not sure of the model number, may have been a triple conversion scanner). A friend suggested that the next time that I take the radio to a race to take along a collection of SMA inline attenuators to put between the antenna and the receiver. I believe that this will solve the problem.

By the way, this would have been a perfect situation to utilize the advertised Wide FM receive that is advertised. I try to take along as little stuff as possible to the race and it is sometimes helpful to listen to the FM broadcast to keep track of the race. The other bug that I have found with the radio is that the receive icon in the LCD display does not come on when a signal is received. The instruction manual states that one can turn off the LED to save the battery and the icon will perform the same function, but it does not. I realize that this is a small complaint.

Overall, I am very pleased with the radio.

73's
KA3QJM
Mike Penner
parnass@radioman.ih.att.com (Bob Parnass, AJ9S) wrote:

>In article <4odvam$14oa@usenetz1.news.prodigy.com>,
>Rob Curtis <FBUL85A@prodigy.com> wrote:

> >Like to hear about the the FT-50r's operation as a scanner. Speed,
> >intermod, etc... Also, how is it on battery life?

>I bought a Yaesu FT-50R dual band HT last week
>and added the FTT-12 CTCSS/DCS tone decoder option.

>In general, I use an HT as a scanner outside the ham bands at
>least often I talk with it in a ham band. The FT-50R is better
>than most of the older model HTs for this job. Still,
>it's not as fast or flexible as some scanners.

>It scans memory channels in the conventional sense
>and boasts 3 search banks. Memory channels can be
>locked out from the scan, but there are no search
>banks, as one finds in a conventional scanner. I measured
>the scan speed at about 10 channels/second.

>The receive frequency coverage is generous but it won't
>cover the VHF-low band.

>The FTT-12 option affords DCS (digital coded squelch)
>decoding which no conventional scanner offers. Although most
>public safety transmitters employ CTCSS (analog encoding),
>a nearby police agency uses DCS and there's other chatter
>on the same channel from competing users.
>Having a DCS decoder lets me listen to the locals
>without stopping the scan on the unwanted traffic.

>Haven't measured the SINAD sensitivity yet because I'm
>still awaiting the proper cable to plug into the
>headphone/earphone jack.

>Haven't heard any intermod during the past 3 road trips,
>but that's not a thorough test.
>--
>==
>Copyright 1996, Bob Parnass, AJ9S parnass@bell-labs.com

> Find and identify transmitter sites with RadioMap(tm)

Opinions Expresses Are Entirely My Own.
In Fact It Is Rare That Anybody Agrees With Me.

Mike Penner | "Firearms Stand Next In Importance To The
Lucent Technologies | Constitution Itself. They Are The American
map@cbmsg.att.com | People's Liberty Teeth." George Washington

3094. Motorola PMR Conversion

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Greg <greg@enterprise.net>
Message-ID: <31ACA40C.171F@enterprise.net>
Source record: 200581
Body handling: Binary attachment payload not displayed: Sign2.jpg

Hi,

I have been given a Motorola PMR set and would like to know if anyone can tell me what it is?

It is a standard mobile size with a detatchable front panel, on the left side is the only rotary control for on/off/volume, it has a standard Motorola "Police Style" mike with a modular plug.

The centre of the set is a 12 digit LCD display with three groups of two buttons around it.

On the right hand side is a full numeric keypad, all buttons are illuminated.

The model number is MAU36EVA5G22BK and the Type is 36EVA5, the set was made in Germany.

Any ideas?

[One or more binary attachments are retained only in the source text.]

3095. Yaesu 290rII ssb power help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: jmg@tntech.edu
Message-ID: <1996May29.152528.21000@atlas.tntech.edu>
Source record: 200582

I have just purchased a used Yaesu FT290RII 2 meter all mode. It works fine, except in SSB mode the power output is low. I suspect there must be some mike gain or alc control off .. but don't have a clue where to look or what to do.

any help would be greatly appreciated.

73
jeff, AC4HF

3096. Re: TOWERS WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4oia9o$3j0@newsbf02.news.aol.com>
Source record: 200583

Have Rohn 25 tower 60 feet high, with rotator top; house bracket and the extra base section that should go into concrete. $425 pick up in Montauk. Ready to go.

3097. Re: FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: jrw4@ix.netcom.com
Message-ID: <4oiajf$eis@dfw-ixnews10.ix.netcom.com>
Source record: 200584

In article <4ohs4ugll1@mhafn.production.compuserve.com>, David L. Williams
<74673.3553@CompuServe.COM> wrote:
>I have a FT-530 that I modified about 2 years ago to receive (it
>might also transmitt) comercial frequencies. I haven't used it in
>a while and now the batteries are dead. The part I can't remember
>is when you first turn it on you need to hold down a couple of
>buttons to finish the modification. Does anyone remember how to
>do this?
>
>David Williams
>Dwilliam@ksjo.com
>KD6QPR
>
>--
>David Williams

Hold down both arrow keys while powering-on
(this also resets the CPU & erases all memories)

-jrw4

Get PAID for SAVING MONEY?!?! and/or
CHEAP Internet Access !!!
http://www.cognigen.com/f/fci.cgi?wa9431673.html

3098. Re: Anyone got a service manual for President Lincoln??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Maurice R Baker <mrbaker@hodcs.att.com>
Message-ID: <31ACAABD.28CF@hodcs.att.com>
Source record: 200585
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.homebrew

Erik Finskas OH2LAK wrote:
>
> As the subject tells, I am looking for a service manual for President
> Lincoln.
> If you have one, please mail me. I would be interrested of a copy.
>
> Erik

Perhaps the Walter Reed Army Medical Center or Bethesda Naval Hospital in
Washington, DC could supply one.

Sorry, couldn't resist :-)

WA3ZXO

3099. Re: kenwood ts850s problem ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Firstname.Lastname@UCHSC.edu
Message-ID: <4oieqe$b4b@tali.UCHSC.edu>
Source record: 200586

In article <4o9udi$6iv@newsbf02.news.aol.com>, f1jrb@aol.com says...
>
>hello from france .
>
>i want to buy this transceiver .
>please what is your opinion of this transceiver ??
>what is the modification possible (all) ???
>
>thanks for the reponse f1jrb@aol.com

I have owned a TS 850S for about 3 years now. Very happy with it.
Absolutely no problems. I have not done any modifications or installed
any of the optional items.
--73, Mike

3100. Icom IC706 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4oiahl$fps@newsroom.HITC.COM>
Source record: 200587

> Icom IC706 questions
>
> From Esteban Sanchis <esanchis@uv.es>
> Organization Universitat de Valencia, Spain
> Date 22 May 1996 16:07:55 GMT
> Newsgroups rec.radio.amateur.equipment
> Message-ID <4nve4r$11rt@power.ci.uv.es>

> ...I have heard
> that in the earlier versions it was not properly
> adjusted and the reception was not very good on the higher
> bands. I think this problem was already fixed by
> ICOM itself, but can somebody tell me from which

Stefan:
I think Icom says here nothing was changed but the advertising <g>:

I wanted to know more about "the yellow wire mod" for the IC-706 (the "yellow wire mod" was advertised on the Internet as a means to improve the receive operation of the 706 outside the ham bands in the VHF range). Since I posted this, there has been a flurry of comments. Consensus seemed to be that doing the mod would not likely violate Part 15 emissions, but it
wasn't certified with the mod, so technically, it's illegal.

>>ICOM stopped advertising and actually changed the specifications for wide receive in July>>1995. The radio receive range is adver=
tised from 30 KHz to 120 MHz and 144 to 148 MHz, and>>it is only guaranteed with in the Amateur Bands. We are fully aware there was=
still some>>brochures claiming full receive from 30 KHz to 200 MHz. We will not modify nor embrace>>this " yellow wire " modifica=
tion. Doing this modification violates the FCC Part 15 Type>>Acceptance of the radio. We can not legally do this modification.>>Wh=
en you clip the Yellow wire, you turn off a filter that is designed to retain receiver>>radiation within the receiver, also you lea=
ve a transistor base floating. If troubles>>arise and are directly caused by this modification, the warranty will be void and the>>=
customer will assume responsibility for the cost of repairs.>>Gary Fiber>>ICOM America, Inc

> I would also know any psotive or negative feedback on it
Check-out DejaNews web page for reading-up on "IC-706" articles--lots there!

> and finally, what is the price of it in the USA?
$1100 and up sans PS, filters, and mounting hardware. Comes with just the hand mic, power cable, and a couple connectors.

73 de Chris

3101. Re: AMP HOOK UP FOR IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4oiap2$fps@newsroom.HITC.COM>
Source record: 200588

> Any body out there running a amp with a 706? I need to hook up my AL 80
> . Looks like you use pin 3 on the acc bot 20 ma isnt going to get it you
> must have to find a light relay to switch with les than that. Any help
> would be great.

May 1996 CQ, pp 30 -- EXACTLY what you wanted to know.

3102. Re: Info on IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4oi9sb$fps@newsroom.HITC.COM>
Source record: 200589
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

> Info on IC-706
>
> From fhaney@dto.com (Forrest Haney)
>
> What type of antenna are you using and whats the max DX
> distance to date?

Forrest:
All of the data I've seen on Internet and magazines is true about the 706. It's well documented in terms of good points/bad points. I like it very much and researched prior to buying (check DejaNews for old articles from Usenet on "IC-706").

I have been collecting Hustler resonators and even making my own. My first night on 20 SSB brought-in Hawaii, first call, not bad. I've been into Europe and Central America with ease too. Dave Ingram's book on mobiling is a good resource for useful info (e.g., did you know you can use a Huster 15 M resonator with a longer 42" whip for 20?).

3103. Mobile Noise Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: csmith1@ccgate.hac.com
Message-ID: <4oic8d$gcc@newsroom.HITC.COM>
Source record: 200590
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I've grounded the HF rig with heavy braid, direct-connected to battery with No. 10 wire, and grounded the hood, engine (2 places) and exhaust pipe to the body and/or frame. The antenna is mounted on a well-grounded plate. Everything works great, except for a noise problem I can't seem to locate. I tried an alternator filter (heavy series coil and shunt cap) that didn't do anything--so, that, along with disconnecting the antenna making it go away makes me think it's radiated noise.

I get a rushing hash (like white noise) only when the engine is under load. It is enough to wipe-out weaker stations, but not those louder ones. I throw in the clutch and it goes away, even if I then race the engine (leads me to think it's not ignition, but some sender unit--perhaps fuel injection electronics radiate only under load?).

What device or other cause might do this? I'd like some help before trial and error decoupling whatever I find under the hood <g>)

3104. Mods for FT2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: yv5dta@igc.net
Message-ID: <4oijdm$lnv@news.bridge.net>
Source record: 200591

Hi
Does anyone has any info on mods for the Yaesu ft2500M?

Steve
YV5DTA/W4
yv5dta@bridge.net

3105. Re: FT-840 mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Steve Dobak <sdobak@prolog.net>
Message-ID: <31ACE83A.523A@prolog.net>
Source record: 200592

john flowers wrote:
>
> I am planning to use my FT-840 with the Ten-Tec 20m<>6m transverter
> kit. My FT-840 only TX's from 14.000-14.500. I wish to be able to
> use FM up in the 52-53 Mhz range, but I would need my 840 to transmit
> from 14.000-18.000Mhz to use the whole 6m band.
>
> In short, how to I get out of band transmit on the Yeasu FT-840?
>
> TNX de Andy, KB0JSU
I dont know if the mods for my rig the ft-890 are the same as for the 840 but
I checked up on the ten-tec and here is what I found. The transverter will
transmit from 50-52 upconverting 14-16, The unit will receive 50-54 unconverting
14-18, 8 watts maybe 10 fdrom 5 input. also most of the sb and cw actitivy is
the lower part of 50-51 mhz so dont hesitate to use just the lowest 500 khz, as
that will do you 95% of the time. Check with webcrawler and run a keywork search
for ft-840 and you should be able to find the page I seemed to have misplaced...
--- good luck Steve wb3amg----- :=}

3106. Condenser Mic to Dynamic input?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Jeff Goebel <jgoebel@rrnet.com>
Message-ID: <31AC44CB.766A@rrnet.com>
Source record: 200593

I would like to use a condenser mic on a radio which requires a dynamic mic.

Can anyone steer me to any info on a circuit which will allow for this??

73's

Jeff N0VHB

jgoebel@rrnet.com

3107. Re: TS850AT CONTROL NEED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Brian Gilhuly <brian@synapse.net>
Message-ID: <31ACF923.38E7@synapse.net>
Source record: 200594

Josï¿½ Manuel Ribeiro wrote:
>
> I WOULD LIKE TO FIND A GOOD COMPUTER CONTROL PROGRAM AND INTERFACE FOR A
> TS850AT. IF SOMEONE CAN DIRECT ME TO A PROGRAM NAME OR FTP SITE OR SUCH
> IT WOULD BE GREATLY APPRECIATED.
>
> THANK YOU
> JOSï¿½ RIBEIRO - CT1DYW
> DEEC643@TOM.FE.UP.PT

You'll find the best available at the ftp and www sites below.

73 de Brian

--
Brian Gilhuly VE3BGB Kentrol Software Web Site:
http://www.synapse.net/~kentrol/
e-mail: Latest files:
brian@synapse.net ftp.synapse.net/private/k/kentrol/

3108. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: jpss@ais.net
Message-ID: <jpss-2905962109380001@ts22-01.dialup.ais.net>
Source record: 200595

In article <31AA0696.45EF@ix.netcom.com>, duane park
<dspark@ix.netcom.com> wrote:

> Does anyone know if the antenna on a Standard c-508A dual band radio is
> the same type & gender, (sma) that is on the FT-50r?? If so, the Standard
> antenna is much smaller and would work nice on the FT-50r

As far as I know there are NO after market antennas yet available.

The Yaesu SMA connector is NOT compatiable with the Standard type SMA.

Chip

3109. Re: DUAL-BAND HT INFO??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4oj095$bg6@newsbf02.news.aol.com>
Source record: 200596

I have a Yaesu FT51R, and an Icom IC-T7A. (Also an Icom IC-T22A, but it's not a dual-bander). I wasn't too fired up about the modern styling of the T7A, but over a few weeks it dosen't look quite so futuristic; I like it now...

I carry the T7A because it is MUCH smaller than the 51R, if both radios have the 12-volt packs... the Yaesu is small with the smaller battery pack, but you can't get 5 watts out of it then. The Icom just gets heavier, not larger. If you don't neet 5W, use the battery that comes with it (gives you 3W) and it is SO LIGHT!

A voltage meter comes on for a few seconds when you power up the radio. The Yaesu can be displayed continuously.

Both have AM air RX. Icom has (4) sets of programmable scan pairs, and built in pairs (all 144, all 440).

I wish the T7A had alphanumeric display (like the T22A), but I use the memories to compensate (10's for local police zones 1-13 (Chicago) 20's for 2-meter, 40's for 440, 50's and 60's for travelling). Bar far the most simple radio I have ever owned to program. Both the Yeasu and Icom offer programming software (Yaesu is Windows and really nice, Icom is DOS and not as pretty, but functional.

I find the sliding lock switch kind of strange, but I don' wide variety of lock combinations... only PTT, PTT and freq, more combinations than I care to go into.

My Icom accessories (HM-46 mike (I REALLY like this mike, small and TOUGH... the plug is short so there's not a lot of leverage on the jack, the HUGE plug on the Yaesu display mike scares the crap out of me) and the headset) work with my T22A, and worked with my 2-SAT... nice not to have to buy all new stuff for each radio.

The T7A has an automatic squelch (that can be adjusted, but seems to work quite nicely, so I haven't had to), and a volume KNOB instead of the up/down buttons of the Yeasu FT51R... personal preference, but it seems like the steps on the buttons are just a little above or below what I want.

The tone scan feature is nice... I can use it on RX of public service (police, fire) and see the PL tone (like I have any use for that info...).

You can only use one band at a time with the Icom, but I hardly ever used the dual RX in the Yaesu anyway. No "function" key, the keys have two uses depending on whether you press and release, or press and hold before releasing.

My only gripes are: No alphanumeric, and the case has a cutout to let you use the sliding lock switch, and stuff gets in through that cutout, kind of defeats the purpose... I just use the case from the T22A - no cutout. The T22A and the T7A use the same batteries, too. BONUS! Hope Icom makes this a standard battery for a while.

The Yaesu has a really nice display, alphanumerics, on-board help (Icom has on-board help displays too... I don't understand why no user-programmed alphanumerics), a lighted keypad, and a really trick lighted display mike, with freq readout, and remote control. The Yaesu has been a good radio, but the Icom seems to be more in a smaller package.

I'm selling my FT50R to my brother this weekend... does that help? :-)

Mark N9SRT@aol.com

3110. Re: Radio Shack Digital SWR/Power Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "Andrew D. Lawlor" <adlawlor@concentric.net>
Message-ID: <31AD08D4.2EB3@concentric.net>
Source record: 200597

I have the Radio Shack digital swr/power meter. I've only used it a few times with a 10M mobile rig. It seems to perform well. I have a Mighty Fine Junk 949C that I have been using for several years. I haven't noticed a significant difference between readings from one meter to the other, although, I haven't made a great effort to compare them, either. I've only had the Radio Shack meter for a very short time so I haven't really developed any strong opinion oneway or the other.

73 Andy KC6NMD

3111. Re: 6146B/6146W ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31AD23BB.6BE6@accessnv.com>
Source record: 200598

T E I X E I R A wrote:
>
> I have a Yaesu FT101ZD with the original 6146B tubes in it.
> Question... I have a new set of 6146W tubes, will they work?
>
> Don

The 6146W is a ruggedized version of the original 6146 and 6146A, which were not designed with linear service in mind (i.e., developed before the days of SSB). The 6146B has a higher plate dissipation, and requires different biasing. What perceived benefit do you see, other than cost? I would not recommend it.

Good Luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3112. Re: Looking for SRF2926 Transistor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31AD25B3.7D94@accessnv.com>
Source record: 200599
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

M. Monninger wrote:
>
> I'm trying to locate a SRF2926 transistor to repair the PA in a UHF repeater.
> I can't find them listed in any of my catalogs (which are not extensive).
> Anyone know of a source or replacement for them? Anyone have any spares laying
> around? It's a late 70's vintage Aerotron unit, if that helps.
>
> Thanks & 73... Mark AA7TA

Try RF Parts Company, in San Marcos, CA - they are a good source for lots
of power transistors.

73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3113. Re: LOUD Astron PS??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31AD283C.5AD6@accessnv.com>
Source record: 200600

Mark Walker (N9HCI) wrote:
>
> boardman@cobra.unm.edu (Bob Boardman) wrote:
>
> ------- snip -------------------
>
> No, Bob, this is not the norm. I use an rs-20 on a Kenwood 430 and
> the hum is not audible over regular ambient shack noise. Just a
> one-second burst of hum when I switch the ps on, but certainly not
> audible more than a few feet away. I regularly tax the 16-amp
> continuous rating for extended periods. A little detective work is in
> order. I would guess something is loose, like maybe a transformer
> mounting bolt. Good luck to you.
> 73, Mark Walker (N9HCI)

I missed the original post, so I can only but guess what was said ...

If you are talking about mechanical noise, this is sometimes caused by the magnetic field of the transformer attracting the steel case, and causing it to vibrate (usually at the top rear of the cabinet, where it overlaps the vertical panel the heat sinks are located on.

Sometimes you can remove the top cover, "warp" it in an upward direction (bend it about 1/8 inch), and replace it to find that the contact (which is what causes the vibration) goes away ... sometimes a shim (I used a folded business card - if you want one of mine, let me know ;-)) in order to keep the two panels from contacting will do the trick.

With the amount of current flowing in the low voltage windings of the transformer, this sort of situation is not uncommon, particularly in the higher current supplies.

Good Luck - hope this helps!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas
(We go through about a ton of Astron supplies - literally - every month or so, and find this problem rare, but it does happen!)

3114. Re: Wanted: TU-7 for TR-751E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31AD2928.14E0@accessnv.com>
Source record: 200601

Josï¿½ Manuel Ribeiro wrote:
>
> I am looking for CTCSS unit (TU-7) for my TR-751E.
> Any help would be greatly appriciated.
>
> CT1DYW
> Josï¿½ Ribeiro
> deec643@tom.fe.up.pt

Kenwood discontinued the TU7 several years ago, and they are no longer available.

If you need just one tone (or are willing to cut a hole in your radio to access a "Dip Switch" to change tones, a "generic" tone deck like the Communications Specialists SS-32P would work fine ... if you need access to more tones, an external, switchable unit like the Communications Specialists TE-32 would be more applicable. Let me know if you would like further information on either one.

73!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3115. JOHNSON LTR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: patrick.walkup@travel.com
Message-ID: <1d.16413.874@travel.com>
Source record: 200602

Perhaps someone can help me identify some radios that were given to me
some years ago. There is one base unit model 239 0226-001/011/021
FCC DATA 242-8800.

Also a mobile unit, a 522 mobile model 0226A021A
According to my freq counter, the base unit transmits at 817.940 mhz
though it doesn't "like" my dummy load and trips out in a few secs..
Apparantly, from scanning around it may be a repeater input with an
output approx 45mhz higher..
Is it good for anything?? Could it be modified for 900mhz amateur use?
Or is it just a boat anchor that belongs at the junk store??
73s and thanks in advance for any assistance..
Pat

 OLX 2.1 TD Tubes have a Glow about them

---
* travel.com <sm> / TRAVEL ONLINE <sm> / ST. LOUIS ONLINE <sm>

3116. Ameritron AL-80A(X) max currents?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Ilkka Kontola <ilkka.kontola@nmp.nokia.com>
Message-ID: <31AC0677.2EE@nmp.nokia.com>
Source record: 200603

The previous owner of my Ameritron AL-80A(X) has not yet found
the users guide. In the mean time I would appreciate the
following information:

- maximum (operation) plate current for SSB, CW and RTTY?
- maximum (operation) grid current for SSB, CW and RTTY?
- maximum RTTY keydown duty cycle, time limits etc?
- for which line voltages there are provisions in the
primary of the transformer? (There is a label "240 V"
attached to the back panel. The local line voltage
seems to be around 230 V so the 240 V setting should
be enough on the safe side)

The plate voltage is about 2.9 to 3.0 kV unloaded and 2.5 to
2.6 kV with 400 mA plate current.

I have some experience with external anode tubes such as
4CX250B and 3CX800A7 but this is my first radiation cooled
tube. What is the apparent 3-500Z plate color when
the plate dissipation is at the nominal 500 W? (No, I am
NOT operating the amplifier without covers. The tube can
be seen thru the exhaust vent mesh)

Thank you for your time!

73,
Ilkka

--
Ilkka Kontola Amateur radio: oh3njc
Nokia Mobile Phones
Tampere, Finland

3117. Radio links. Help.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Igor Blakunov <yl2gkb@linux.cs.dpu.lv>
Message-ID: <Pine.LNX.3.91.960529201942.30419A-100000@linux.cs.dpu.lv>
Source record: 200604

Hello.

I am Igor. I live in Daugavpils, Latvia. Latvia is a small country
near Baltic sea (east Europe).
The digital radio communicatios are new for us. I have two problems
using digital radio links.

1. There are two establishments on distance approx. 1 km. In each
establishment working local network (Ethernet). How to connect
its using radio link? What max. baud rates I can get on 430MHz,
1240MHz ? What modems designed for that and what prices ?
What radio stations need for this targets (standart or special)?

2. How to made multiuser Internet access via radio. Not need high
speeds for that. I think about 9600 bps. What hard- and software
you can recommend ?

I am a novice in this things. I shall be glad to get any information.
By the way, if you a radio equipment dealer (better in Europe),
please write your prices...

Thank you.

73!

Igor Blakunov (YL2GKB)

3118. YAESU FT-736R POWER OUTPUT INCREASE? (ACOPP)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: UUCP_II@ndcrt.wa.com
Message-ID: <3267227614.28526030@ndcrt.wa.com>
Source record: 200605

THIS PROBABLY IS A STUPID QUESTION TO MANY OF YOU, BUT I WILL ASK ANYWAY. I
RECENTLY PURCHASED A FT736R AND LIKE IT VERY MUCH, WITH 2 EXCEPTIONS. ONE IS
THE POWER OUTPUT IS JUST TO LOW! I AM WONDERING IF THERE IS ANY WAY TO
PRODUCE
MORE OUTPUT POWER WITHOUT PURCHASING AN EXTERNAL AMPLIFIER. THE SECOND
EXCEPTION IS I CAN'T FIND A DESK MIKE WITH THE SAME AUDIO AS THE HAND MIKE. I

TRIED THE MD1C8 AND THE AUDIO AND TONE QUALITY WENT SOUTH. ANY IDEAS ON THESE

ITEMS WOULD BE APPRECIATED.

THANKS AND 73'S
AL COPP
KF4GKV

#

+---+
| This Message Originates from the Information Server of the: |
| National Disaster Communication Response Team - U.S. Command Center |
| R. Nelson, Executive Director J. Maher, Assistant Director |
| M. Perry, Medical Officer R. Radke, Information Officer |
| R. Ray, Amateur Radio Officer W. Lange, Financial Officer |
+---+
| Providing Disaster Related Communications & Technical Support |
| for additional information: administrator@ndcrt.wa.com |
+---+

3119. Kenwood TS690S/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-29 00:00:00 UTC
From: Hani Georges Freiwat <hafr@ups.ifsab.se>
Message-ID: <31ACA2D8.2693@ups.ifsab.se>
Source record: 200606

Hi,

I have the Kenwood TS690S/AT (with automatic tuner).
Is it possible or did any body tried to use the internal AT in receive
mode by 'patching' the rig ? I also have the service manual for this
rig, I am very greatfull for any help!.

Please E-mail me on :

hafr@ups.ifsab.se

3120. HF Mobile in a Saturn ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: ac4qo@aol.com
Message-ID: <4okvkc$4u5@newsbf02.news.aol.com>
Source record: 200362

I am thinking of getting a HF mobile rig and installing it in my 94 Saturn SL2. My two primary concerns are the mounting of the equipment and antennas. Any thoughts and experiences would be appreciated. Also, I am interestd in any recommendations for mobile rigs. Used equipment is preferred as I cannot afford the new stuff. Thanks and 73. Bob AC4QO

3121. Re: FCC Public Notice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: hturn@pelican.davlin.net
Message-ID: <31ae282d.4479757@news.davlin.net>
Source record: 200363

On 26 May 1996 22:18:29 GMT, casey@intac.com (Steve) wrote:

>>PUBLIC NOTICE
>>FEDERAL COMMUNICATIONS COMMISSION
>>1919 M STREET NW
>>WASHINGTON, D.C. 2055462882
>>
>
>This article explains that it is illegal to own equiptment that can
>transmit out of the hambands???? That is insane! Well, guess I have
>to destroy my HF rig and 2 meter transverter, unless we get an hf
>band that is 4 MHz wide!

Actually I believe this is all directed not at the amateur service,
but at those CBers who buy "10 meter" rigs and bootleg between
27.405 and 28.000 and also below 26.965.

Federal enforcement there seems to be nearly nil. They are doing
preemptive enforcement. What would be great and would certainly help
the situation would be to type accept 10 meter only gear. I know of
no ham that uses an RCI made radio on ten.

Hank
KC5FLJ

3122. Re: Ouch! I freaked out again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: ddenter@nortel.ca
Message-ID: <4ok6eo$bc8@bcarh8ab.bnr.ca>
Source record: 200364

In article <Ds77F8.33z@scn.org>,
bb840@scn.org (James Aeschliman) writes:
>
>In a previous article, acephotog@emi.net (Daniel L. Conklin) says:
>
>>I can't believe I did this! I'm not sorry ... yet. I walked into my local
>>Ham Radio store to buy a used 2m HT to hook up to my packet TNC, and
>>somehow got talked into buying an ICOM IC-T7A dual band HT. I spent more
>>than twice my budget. What can I do to avoid this in the future? I love
>>gadgets! Help!
>>
>Since your asked - Next time, take your wife with you.

that only helps if your wife doesn't have the same disease :)

regards,
Dean.
--
Dean Denter work -> ddenter@nortel.ca
VA3CDD play -> ddenter@magi.com
[[[[[[[[[[[[[I speak only for myself]]]]]]]]]]]]]

3123. FS:Heath SW Recv.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: tubebuyer@aol.com
Message-ID: <4ol08u$5nr@newsbf02.news.aol.com>
Source record: 200365

Heathkit SW-717 General Coverage short wave receiver for sale. Nice condition. $50.

Thanks and Best Regards,

Rick

3124. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: "T. Ronald Davis" <rond@intellect.com>
Message-ID: <01bb4e85.fd58e920$354060cc@dell100>
Source record: 200366

For $8 HRO will sell you a Yaesu CN-3 (a SMA to BNC adapter that works
on the FT50R)

>
> >
> > > Does anyone know if the antenna on a Standard c-508A dual band radio
is
> > > the same type & gender, (sma) that is on the FT-50r?? If so, the
Standard
> > > antenna is much smaller and would work nice on the FT-50r
> >
> > As far as I know there are NO after market antennas yet available.
> >
> > The Yaesu SMA connector is NOT compatiable with the Standard type
SMA.
> >
> > Chip
>
>

3125. Wanted: Nye Viking MB-IV-A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: ronm@ici.net
Message-ID: <4olmdc$26h@bashir.ici.net>
Source record: 200367

I'm looking for a N-V MB-IV-A antenna tuner in good working
condition. Will pay fair price.

Thanks,
Ron - ronm@ici.net

3126. Re: Yeasu 736R transmit problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: davearea51@aol.com
Message-ID: <4olpdr$ls7@newsbf02.news.aol.com>
Source record: 200368

I too have had a problem with the Yaesu FT-736R on 70 cm xmt. Mine is a little different. In general, I would say the radio is minimally decoupled to external RF fields - and some of its own. I can say its what I have come to expect from Yaesu, but there;s no other radio out there that does what the '736R does. I find that the power output level is highly dependant on microphone cable placement. Its, I guess, another unadvertised way of controlling the power output on FM or SSB. I have used a clamp-on ferrite "bead" on the microphone cord to solve that problem.

In addition, when I got the radio, I discovered it was number than the usual Japanese radio. It NEEDS preamps on all bands!!!! I decided to be different and use the norbal +12vdc available on the reat DIN connector - not the provided switched power specifically for preamps. I wanted do something different with the radio. BAD DECISION! That power is not decoupled from the main regulators. It works fine in receive, but have a little stray RF around the shack and the regulators go bonkers!!! Rather than do the EMC engineering job Yaesu should have done - heaven knows, the radio isn't cheap - I opted to abandon my plan to do what I originally wanted to do with the radio - which now REQUIRES an external power supply - and use their power provided for the preamps.

I work as an EMC (electromagnetic compatibility) engineer. I can say professionally that the decoupling job done by Yaesu is INADEQUATE, even from a regulatory viewpoint regarding radiated emissions (while receiving - from the box in general). I can't monitor HF for weaker signals with the '736R on in the shack. The noise from the switching power supply is not adequately decoupled from the outside world! These issues are something the average amateur doesn't see when he (or she) lays down the big bucks for a fancy new radio. How do we make the manufacturers resopnsible to their obligation in the world marketpoace?

3127. Re: HF Mobile in a Saturn ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31AE4D70.77E6@magic.itg.ti.com>
Source record: 200369

When in Dayton this past month, one of the guys set up near my buddy had a Saturn sedan (2dr). I was curious how to mount antennas on that car since the body is made of plastic.

This guy had a piece of angle-iron protruding from the frame out the side of the bumper. Had a 3/8 X 24 threaded post on it and was running an Outbacker Perth antenna with an Alinco DX70. Performance was fine. Rig was remote mounted (main part under passenger seat, control head mounted on-dash).

On the VHF side, he was using a trunk-mounted Comet 1/2 wave antenna (which required no counterpoise). Rig was an Icom 229A (25 watt) mounted under-dash on the passenger side of the car.

The installation was clean (xyl approved, I think he mumbled).

73, Joe

3128. Re: Another Ramsey kit to avoid

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDs8oCu.Auz@netcom.com>
Source record: 200370
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4oksc5$c03@newsstand.cit.cornell.edu> cjs9@cornell.edu (Carl Steckler) writes:
-In article <n1istDs68Gx.5E5@netcom.com>, n1ist@netcom.com says...
->I picked up the FM-6 "Crystal Control Micro Size FM Transmitter Kit",
->hoping to use it as a Fox transmitter.
->
->This is a surface-mount kit with a varactor-tuned crystal oscillator around
->12 MHz followed by a quadrupler and a tripler to get to 2M. What it doesn't
->have is ANY filtering.
-Mike, I also looked at this kit in the catalog, you know what? there is no
-mention of filters. So what's the bitch? It is not as if they promised you
-filters and you didn't get them.

The ad doesn't mention any other part of the circuit either... What I
expected was a kit that, when built according to their instructions,
would be legal to use. This kit does NOT meet FCC harmonics requirements,
and transmits on frequencies that ARE NOT licensed for this purpose (FM
broadcast band, aircraft band, etc.) while also transmitting on the intended
frequency. The filter should have been included as part of a decent (or
just legal) design.

-They offer suggestions to try as in modifing the kits I have purchased.

Why should I have to modify a kit to get it to perform as described?

-Another thing, just what did you expect for what they were charging for this
-kit. Sounds like you want top of the line for little or nothing.

No, I just wanted a 2M transmitter without the hassle of designing one
myself. There is no reason that they couldn't have added filtering at
that price...

->On the other hand, I am just finishing up the Ten Tec 2M kit;
-How much more was the TenTec kit? Might there be a correlation?

Apples and oranges here... The Ten Tec kit is a full 2M transceiver,
and is priced comparably to the Ramsey FTX-146 (which, according to the
QST review, is also a kit of questionable performance and legality...)
On features, the Ten Tec 1220 beats the FTX-146 hands-down; it has a
full front panel, CTCSS, mike and mobile bracket, and place for an
internal 35W amp for about $20 more than the Ramsey.

/mike

--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- --- Boston Amateur Radio Club: http://www.barc.org/barc --- -*-

/|\ or send "info barc-list" to listserv@netcom.com /|\

3129. Re: Needed: FM stereo multiplex ICs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: mzenier@netcom.com
Message-ID: <mzenierDs9zn4.870@netcom.com>
Source record: 200371
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.shortwave

: From: Chris FormyDuval, cdformyd@eos.ncsu.edu
: >Try the homepages of National Semiconductor, Harris, TI etc. You should
: >come up with several choices as well as datasheets and app. notes.

in <4oi09i$1b0o@newsgate.sps.mot.com>, Rick Cramer wrote:
: I too have been trying to find a stereo mx chip.
: Does anyone know of any more information... the web sites mentioned
: below were not much help.

The stereo multiplex generator chips I've heard of are both from more
obscure japanese companies. Rohm has the BA1404 (and a BA1405) and
NJR has the NJM2035.

The BA1404 is what is used in the Ramsey FM-10 and other "license free
broadcaster" kits. (It includes a transmitter section). There have been
articles on the FM-10 in Popular Electronics a couple of years ago and a
construction article on a BA1404 based transmitter in the July 1992
Radio-Electronics magazine. Also covered in Don Lancaster's "Hardware
Hacker" column in Radio-Electronics around that date.

The NJM2035 is what I've heard is used in the FX-Wave CD to radio
convertor that you can buy off the pegboard at your local discount
store. Last I knew, Digikey sells NJR but I didn't find the part
in the catalog I looked in.

Mark Zenier mzenier@eskimo.com mzenier@netcom.com

3130. Re: Ignition noise problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Joseph Borrow <joborrow@icanect.net>
Message-ID: <31AE3B25.4F5F@icanect.net>
Source record: 200372

D434-Richard_A_Ferguson(Richard)x82612 wrote:
>
> From article <4oeti5$rvo@nnrp1.news.primenet.com>, by Cecil Moore <kg7bk@primenet.com>:
> > Mike Lazaroff <msl@nauticom.net> wrote:
> >
> > : Any ideas? This one is really beginning to bug me...have never had a
> > : car give me as hard a time as this one is.
> >
> > Hi Mike, I have a similar problem with an S10 Pickup and
> > IC-706. My problem is only there when going uphill and
> > goes away when going downhill. Any ideas out there?
> >
> > 73, Cecil, KG7BK (W6RCA soon), OOTC
> >
>
> Ignition noise increases at higher engine output, consistent
> with going uphill. To suppress ignition noise, cover the sparkplug
> wires with tubular copper braid, grounded to the block. Ignition
> noises usually are a popping sound.
>
> Richard Ferguson, KA0DXM
>
> My opinions are my own,not those of my employer.

>I also have same problem with a 706 in a 1996 Jeep. Have actally
>spoken to the factory. With engine running I quickly pulled the
>fuse for the fuel pump..guess what??? oise went away. Pump is
>located in tank...Now I know what causes my noise..don't have a
>clue how in hell to fix it.

Joe K1GFH/4

3131. Re: FT-1000 Expert Needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Madjid <orion@odyssee.net>
Message-ID: <31AE2421.B1@odyssee.net>
Source record: 200373

Jim Nance wrote:

> Swithing between sidebands usb and lsb is not the proper way to set the
> master oscillator. You are probally thinking of the way to set the
> carrier points without test equipment. If you want to be accurate and
> apparently the original post is if they are concerned about 50 cycles.
> Forget WWV and set the freq. with an accurate frequency counter.

I am not an expert in FT1000, but there is a way of adjusting that using
the Receiver in USB and Sub-receiver in LSB at the same time on WWV to
create a beat. Check your manual.

Madjid BOUKRI, VE2GMI
ORION Microsystems Phone: (514) 626 5002
Internet: orion@odyssee.net Compuserve: 71061,154

Antenna simulation program NEC4WIN found at:
http://www.coast.net/SimTel/SimTel/win3/hamradio/nec4w15.zip
http://castor.acs.oakland.edu/cgi-bin/vsl-front (search nec4w15.zip)

3132. Re: IC-245 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: hepc@earthlink.net
Message-ID: <4oj2ha$gnu@bolivia.it.earthlink.net>
Source record: 200412

Icom didn't make a IC-245 service manual.

Contact Scott Malcolm at 509-732-8883 if you need an expert on older
Icom gear.

--73, Todd KE4UDN

Todd Owen Hanover Engineers, P.C.
Richmond, VA 804-730-0011 (Voice)
804-730-4012 (Fax)

ke4udn@amsat.org

3133. Re: Yaesu T-1000MP gen coverage tranmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Dave Norton <dave@diecast.demon.co.uk>
Message-ID: <6852DCAcFPrxEwxL@foobar.co.uk>
Source record: 200413

In article <4o7fss$c2a@roch.zetnet.co.uk>, Sir Barry Duxbury
<bduxbury@zetnet.co.uk> writes
>
>
>Dave , Very many thanks for explaining the way to enter level 9 of
>the menu. It works as suggested. I wonder what some of the other menu items do?
>
>Again, many thanks and best wishes. .... Barry
>>
>
>

Barry

I'm not sure and have not managed to find out from Yaesu, apart from the
fact that they are "engineers functions" used by Yaesu engineers.

But this is what I have found out

9-0 seems similar to item 8-9 it is labelled "car-set" but the settings
are differant to the ones in 8-9

9-1 is rx if gain -- just like another rf gain, you can turn it up and
give everyone a 59+ or turn it down and simulate receiving qrp .. hi

9-2 is tx if-gain? I haven't been brave enough to muck about with it

9-5 is a weird one .. if u move the vfo 1 all the rig lights come on and
if u press enter all the small segments do a magic impression of the
seige of venice .. dead usefull !!

9-6 turns the little tuning bar on for ssb, very neat, It seems to give
a good indication of audio or alc.

9-7 is a self check, with settings for time to tx, rx and change mode.
it looks like a sort of "burn in" method for the rig.

9-8 i think is the software/rom/whatever version for the radio, mine is
951207c2

9-9 is the settings for tx/rx and bands for all the differant markets, I
havent tried them all but suppose that some leave out differant parts of
different bands.

thats it

This is all guesswork (probably bad) so don't try them on my account.

if anyone can add/disagree or pass on their information, I would be interested.

Sometimes I even use it for transmitting ..

Dave
Dave Norton - G0UHI
dave@khn.foobar.co.uk

3134. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Gary Judd <gcj@worldnet.att.net>
Message-ID: <4oj4cp$25g@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 200414

jpss@ais.net (Chip) wrote:
>In article <31AA0696.45EF@ix.netcom.com>, duane park
><dspark@ix.netcom.com> wrote:
>
>> Does anyone know if the antenna on a Standard c-508A dual band radio is
>> the same type & gender, (sma) that is on the FT-50r?? If so, the Standard
>> antenna is much smaller and would work nice on the FT-50r
>
>jpss@ais.net (Chip) wrote:
>In article <31AA0696.45EF@ix.netcom.com>, duane park
><dspark@ix.netcom.com> wrote:
>
>> Does anyone know if the antenna on a Standard c-508A dual band radio is
>> the same type & gender, (sma) that is on the FT-50r?? If so, the Standard
>> antenna is much smaller and would work nice on the FT-50r
>
> As far as I know there are NO after market antennas yet available.
>
> The Yaesu SMA connector is NOT compatiable with the Standard type SMA.
>
>Chip
Comet makes a dual band antenna called the SMA-3 that fits the FT-50R,
and makes a considerable improvement over the stock antenna. HRO carries
it in their stores. Gary WB7SLY

3135. Re: Ouch! I freaked out again!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: bb840@scn.org
Message-ID: <Ds77F8.33z@scn.org>
Source record: 200415

In a previous article, acephotog@emi.net (Daniel L. Conklin) says:

>I can't believe I did this! I'm not sorry ... yet. I walked into my local
>Ham Radio store to buy a used 2m HT to hook up to my packet TNC, and
>somehow got talked into buying an ICOM IC-T7A dual band HT. I spent more
>than twice my budget. What can I do to avoid this in the future? I love
>gadgets! Help!
>
>--
>Dan Conklin acephoto@emi.net
>
Since your asked - Next time, take your wife with you.
--
Jim Aeschliman bb840@scn.org
Black Diamond, Washington KD7MK

3136. Rec mod for Alinco DR-MO6?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: radiotr@users.jaxnet.com
Message-ID: <4oja39$gr@jaxnet.jaxnet.com>
Source record: 200416

Is there a CONFERMED Mod to open the Rec up a bit? To at least 46MHZ?
Sure would be nice to Check out the local 46/49 QSO's...Any info please
reply to sender.....Thanks in advance....de N4TUL aka radiotr@jaxnet.com...

3137. WTB AUSTRALIA Long Wave radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Stephen Castle <"Stephen Castle"@sno.mts.dec.com>
Message-ID: <4ojd9b$mcq@funlwb2.stl.dec.com>
Source record: 200417

I need to borrow for 2 -3 months or buy a CHEAP radio that will recieve
long wave, specifically for aircraft NDB's.

Please E-mail Stephen.Castle@sno.mts.dec.com

Steve Castle
VK2ZSC

3138. Re: Ft50 and ic 7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4oje7i$hak@newsbf02.news.aol.com>
Source record: 200418

> The T7A has an automatic squelch (that can be adjusted, but seems to
work
> quite nicely, so I haven't had to)

I take that back, it can't be adjusted... I was repeating what the
salesman told me, not what was in the manual.

> I find the sliding lock switch kind of strange, but I don't use wide
> variety of lock combinations... only PTT, PTT and freq, more
> combinations than I care to go into.

This got garbled in transmit. It SHOULD say: but I don't use it, so it's
not a problem. The Yaesu has a wide variety...

And MOST IMPORTANTLY::

> I'm selling my FT50R to my brother this weekend... does that help? :-)

should say: I'm selling my FT51R to my brother...

Sorry!

Mark N9SRT@aol.com

3139. Re: KENWOOD TH-79, YAESU FT-50 & FT-51R HANDHELDS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: DCL@DIRCON.CO.UK
Message-ID: <4ojjq1$3v2@newsgate.dircon.co.uk>
Source record: 200419
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

dm@millennium.co.nz wrote:

>I am considering purchasing either the TH-79, or FT-50/51 handheld
>transceivers.
I've had a TH79e for about 18 months now.
>I have been led to believe that the TH-79 suffers from intermodulation
>problems in built up areas.
I've only experienced this when using it with an external aerial, no
problems with the supplied helical
>Does anyone have any comments/recommendations on which one to buy?

David. G7UHK

David C. Lovatt - G7UHK
Highgate
London
England

Home WEB Page: http://www.users.dircon.co.uk/~dcl

3140. Re: Yaesu T-1000MP gen coverage tranmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: bduxbury@zetnet.co.uk
Message-ID: <4ojv38$g66@roch.zetnet.co.uk>
Source record: 200420

Dave, Again many thanks for your interpretation of the level 9 menu.
What you say seems to make good sense. By the way, I am very pleased
with the rig... I've had it since December and used it in all modes except FM.

Regards ... Barry
--
Barry Duxbury
bduxbury@zetnet.co.uk
100031.2223@compuserve
G4GAH Oxford UK

3141. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: rhiii@erols.com
Message-ID: <09960430074632.OUI91.rhiii@erols.com>
Source record: 200421

>> The cw narrow filter is nice and the SSB
works great on heterodynes. <<

Cliff: Is this Rshack DSP adjustable so that it can be used on HF
digi modes ?

de Richard/NT2Z

!^NavFont02F0088000FRGJHG3BRG3DHG8918FF

--
Richard H. rhiii@erols.com
05/30/96 07:55

3142. Modes for the ICOM 281H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: lawrence.wald@lerc.nasa.gov
Message-ID: <4ok5f7$dm8@sulawesi.lerc.nasa.gov>
Source record: 200422

Hey, anyone know how to open up the receive to at least get the NOAA WX?

Larry, KE8GW

PS, TNX for any help

--
==========
Lawrence.Wald@lerc.nasa.gov
NASA Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135
MS 500-202
v(216) 433-5219
f(216) 433-8660
==========

3143. Re: Anyone got a service manual for President Lincoln??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4ok6m0$ok2@newsbf02.news.aol.com>
Source record: 200423

In article <31AC5EAF.71AF@ee.port.ac.uk>, Erik Finskas OH2LAK
<finskase@ee.port.ac.uk> writes:

>As the subject tells, I am looking for a service manual for President
>Lincoln.
>If you have one, please mail me. I would be interrested of a copy.
>
>

President Lincoln has been dead for an awful long time. The request for a
service manual on him is a waste of time.

We do need service manuals for President Clinton as well as Newt Gingrich
and Bob Dole. They all have major service problems. Clinton goes into
thermal runaway, Gingrich gets random glitches in his I/O port, and Dole's
clock is running real slow.

73, Tom

3144. ADI AT200HP HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: david_k@simusa.sim.ORG
Message-ID: <199605301348.JAA12068@news.interpath.net>
Source record: 200424

As a new ham, I am looking to buy my first radio.
Does anyone own and/or give recommendation of the
ADI AT200HP HT? The price is good (~US$190) which
is a big consideration for my budget, but I don't
want to get something that will not be good quality,
easy to find repair service, parts & accessories,
modifications, etc.

Thanks in advance.
--//
-- David A. Keller Work: david_k@simusa.org
-- SIM USA, Inc. 704.587.1462
-- Box 7900 Home: web459@charweb.org
-- Charlotte NC 28241.7900 KF4JDL
-- By Prayer Since 1893
--//

3145. Re: kenwood ts850s problem ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: rogerjb@earthlink.net
Message-ID: <4ok9og$t1d@chile.it.earthlink.net>
Source record: 200425

In <4oieqe$b4b@tali.UCHSC.edu>, Firstname.Lastname@UCHSC.edu (Your Name) writes:
>In article <4o9udi$6iv@newsbf02.news.aol.com>, f1jrb@aol.com says...
>>>I have owned a TS 850S for about 3 years now. Very happy with it.
>Absolutely no problems. I have not done any modifications or installed
>any of the optional items.
>--73, Mike

I have owned a TS850S for about 6 years. I too am very happy with it.
I have done most of the modifications, and installed almost all of the optional
items. All work extremely well. I believe that the TS850S is hard to beat.

73

Roger J. Buffington
AB6WR
USC Law School Class of '97

rogerjb@earthlink.net

"I want to die peacefully, in my sleep, like my grandfather.
Not screaming, and in terror, like his passengers."

3146. Re: AMP HOOK UP FOR IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4okabm$pc1@newsbf02.news.aol.com>
Source record: 200426

Ameritron has an interface.

3147. Re: IC-245 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <833467117snz@microvst.demon.co.uk>
Source record: 200427

In article <4oj2ha$gnu@bolivia.it.earthlink.net>
hepc@earthlink.net "Todd Owen" writes:

> Icom didn't make a IC-245 service manual.

I beg to differ. Icome did publish a single service manual which
covered all of the IC-245A/E/H models.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3148. FTV-700 Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: bernd.cebulski@e-technik.tu-chemnitz.de
Message-ID: <bernd.cebulski.183.00178001@e-technik.tu-chemnitz.de>
Source record: 200428

Hi,

does anyone still use the FTV-700 transverter in connection with the FT-757GX?
I'm interested in some technical aspects like vhf/uhf-power, sensitivity,
built-in modes, relay operation, current consumption ...
Does it have its own frequency display? Is it possible to use it for PR
(1k2) on 2m/70cm? Any experiences about the performance compared to other
equipment (IM rejection, selectivity etc.)?

Thanks so far,

Bernd.

.---.
| Chemnitz, University of Technology |
|--- bernd.cebulski@e-technik.tu-chemnitz.de ---|
| Phone: +49 (371) 5313318 |
| Fax: +49 (371) 5313361 |
| DL 1 DTP |
`---

3149. Re: FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Jon-Harald Br&#65533;then <hbrathen@aft.sn.no>
Message-ID: <01bb4e3a.cf250480$cb0c8fc2@jonhbraa>
Source record: 200429

You have to hold down the UP/DOWN /the ones with arrows) while turning the radio on. The first time you do this, the radio enters the extended mode. The second time it does a full reset, so be careful.

3150. Re: LOUD Astron PS??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: frank.dinger@zetnet.co.uk
Message-ID: <4okfsr$lk2@roch.zetnet.co.uk>
Source record: 200430

In message <4ohqi8$dgd@ns1.ccinet.net>
mwalkdba@ezl.com (Mark Walker (N9HCI)) writes:

> boardman@cobra.unm.edu (Bob Boardman) wrote:

> ------- snip -------------------

> No, Bob, this is not the norm. I use an rs-20 on a Kenwood 430 and
> the hum is not audible over regular ambient shack noise. Just a
> one-second burst of hum when I switch the ps on, but certainly not
> audible more than a few feet away. I regularly tax the 16-amp
> continuous rating for extended periods. A little detective work is in
> order. I would guess something is loose, like maybe a transformer
> mounting bolt. Good luck to you.
> 73, Mark Walker (N9HCI)

======= response GM0CSZ/KN6WH
Bob , I have a 50 Amp Astron PSU and I can confirm it humms
badly,albeit at 50 Hz (living in Scotland) .I mean it's audiable hum
without any load being connected to the PSU. I think it is the
transformer sitting very near the steel enclosure. The
enclosure/transformer acts as a transducer.
The problem could be cured by using a toroid type of transformer (no
external electro-magnetic field) but these are expensive . Placing a
piece of rigid polystyrene foam between the transformer and the
enclosure walls/top reduces the hum somewhat . I intend trying a non
magnetic metal enclosure (aluminium ?) or wood with aluminium foil
on the inside for screening if this proves necessary. I'll keep this
forum informed about my efforts . In the meantime any other advice on
how to solve the hum problem is very much welcomed .

When in Anaheim CA last year , I visited the local HRO store (selling
Astron PSUs) where they had not come across serious hum problems ,
although I had the impression their response was somewhat 'sales protective'.

73 Frank GM0CSZ / KN6WH

Frank Dinger , Inver by Tain , Ross-shire IV20 1RX - Scotland UK.
e-mail : gm0csz.kn6wh@ukrs.org
Packet : GM0CSZ @ GB7NOS.#76.GBR.EU

3151. Re: 6146B/6146W ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4okfsm$qi3@hg.oro.net>
Source record: 200431

"Dale \"Squeak\" Porray" <ad7k@accessnv.com> shared the following
priceless pearls of wisdom:

Squeak --

Good to see you on the newsgroup(s).

Now hear this, you guys -- Squeak knows more about ham radio than any
other person I've ever met in my life. If he is willing to share his
fountain of knowledge, I for one am happy he is here. He is truly one
of the good guys in this hobby.

No connection with Squeak or ARS other than a happy customer.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
rst-engr@oro.net | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

3152. Re: FT-59r or IC-Z1A???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Judhi Prasetyo <spm@cbn.net.id>
Message-ID: <31AE8E7F.BEA@cbn.net.id>
Source record: 200432

Vic wrote:
>
> netsvic@ipoline.com (Vic) wrote:
>
> >Hi! I am thinking about buy FT-50R or IC-Z1A?? Does any one can give
> >some advice for me?? Thank you!!
> >Vic

BUY Z1A !!! Reason ? Try it yourself !

- Judhi

3153. Timewave DSP-9+ comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Tim Robertson <timr@gorge.net>
Message-ID: <31ADD184.E9@gorge.net>
Source record: 200433

I am considering purchasing the Timewave DSP-9+ digital signal processer
for DX CW and SSB. Any comments pro or con will be appreciated. Also,
any input on the Butternut HF-6VX and HF-9VX antennas?

73s
Tim, KC7QOM

3154. Part 15 (was Icom IC706 questions)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4okk0g$lrt@crash.microserve.net>
Source record: 200434

"Chris Smith, NR3O" <csmith1@ccgate.hac.com> wrote:

>I wanted to know more about "the yellow wire mod" for the IC-706
>(the "yellow wire mod" was advertised on the Internet as a means to
>improve the receive operation of the 706 outside the ham bands in
>the VHF range). Since I posted this, there has been a flurry of
>comments. Consensus seemed to be that doing the mod would not likely
>violate Part 15 emissions, but it wasn't certified with the mod, so
>technically, it's illegal.

No, it's not illegal. It is the manufacturer who is required
to make the equipment comply with Part 15. The user is only
responsible for preventing harmful interference.

This is not the same as modifying equipment that is used in a
service that requires type acceptance. Even then, the user may
modify the equipment so long as the modifications A) do not change
the equipment characteristics beyond the rated limits established
by the manufacturer (and accepted by the Commission when type
acceptance is granted), and B) do not change the "type of equipment".
The exact nature of what constitutes a change in the type of
equipment is defined in F.C.C. rules and includes a number of
criteria. If Amateur gear was type accepted, the "yellow wire mod"
would violate this provision.

>>We will not modify nor embrace this " yellow wire " modification.
>>Doing this modification violates the FCC Part 15 Type Acceptance
>>of the radio. We can not legally do this modification. When you
>>clip the Yellow wire, you turn off a filter that is designed to
>>retain receiver radiation within the receiver,

This is just a sleazy way for the manufacturer to disclaim
responsibility for the ease with which the user can perform this
modification. It's similar to the now illegal ploy of selling a
"10 meter" amplifier to a CB'er with the disclaimer that it can't
be legally used on 11 meters.

73,
Jack WB3U

3155. Re: IC-738 vs TS-450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4okk1i$lrt@crash.microserve.net>
Source record: 200435

Ben Johnson <bjohn@concentric.net> wrote:

>I am in the currently considering my first HF rig and would
>appreciate any input anyone might have in regards to features to
>look for, options nice to have, etc. I think I have narrowed my
>search to the two above units...however, I am open to any other
>suggestions in that 12-1300 price range. I am currently learning
>code and expecting to use to unit for about 50% code, 50% phone.

If you're going to make CW a significant part of your operating,
QSK is highly recommended. There is no peer to Ten Tec in this
regard - they build the best CW rigs on the market. Your price
range would easily buy a used, "loaded" Corsair or Corsair II.

At a time when Japanese service and support seem to be waning,
Ten Tec continues to offer the best service and customer support
of any Amateur manufacturer. They also stock used gear (although
you may need to put your name on a mailing list) and they offer a
free trial period on every transceiver they sell.

73,
Jack WB3U

3156. Re: LOUD Astron PS??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4okk24$lrt@crash.microserve.net>
Source record: 200436

boardman@cobra.unm.edu (Bob Boardman) wrote:

>I checked the voltage, and it checked out OK, but when I hooked
>it up at home and keyed up a rig that draws 8 amps or so, the PS
>went from quiet (no load) to making a VERY loud 60hz hum when the
>current draw went up. I mean loud enough to hear at the other end
>of the house! People I talked to also heard a 60 hz hum. At first
>I thought they were just hearing the audio hum, but after getting
>far enough away from the PS so that the hum wasn't so loud, they
>still could hear it on my signal.

Are you certain it is 60 Hz? Could it be 120 Hz?

73,
Jack WB3U

3157. Re: Ignition noise problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4okk44$lrt@crash.microserve.net>
Source record: 200437

raf@dwroll.att.com (D434-Richard_A_Ferguson(Richard)x82612) wrote:

>Ignition noise increases at higher engine output, consistent
>with going uphill. To suppress ignition noise, cover the sparkplug
>wires with tubular copper braid, grounded to the block. Ignition
>noises usually are a popping sound.

Corvettes have the braided covers and shielded spark plug boots as
standard equipment. They also cover the entire distributor and coil
with a metal "doghouse". If the engine is a Chevy V8, you could
probably use those parts as-is.

73,
Jack WB3U

3158. Re: JOHNSON LTR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4okkpc$j7u@guyana.it.earthlink.net>
Source record: 200438

patrick.walkup@travel.com (Patrick Walkup) wrote:
>Perhaps someone can help me identify some radios that were given to me
>some years ago. There is one base unit model 239 0226-001/011/021
>FCC DATA 242-8800.
>
>Also a mobile unit, a 522 mobile model 0226A021A
>According to my freq counter, the base unit transmits at 817.940 mhz
>though it doesn't "like" my dummy load and trips out in a few secs..
>Apparantly, from scanning around it may be a repeater input with an
>output approx 45mhz higher..
>Is it good for anything?? Could it be modified for 900mhz amateur use?
>Or is it just a boat anchor that belongs at the junk store??
>73s and thanks in advance for any assistance..

If memory serves, the 242-8800 is the fleetcom 880 mobile...
Not sure about the 522....had limited experience with Johnson 800Mhz
radios....

BUT what you have with the LTR name on them is 800 Mhz trunked radios
(also called SMR for Specialized Mobile Radio)....they are set up for use
on 800Mhz rptrs that operate at 45 Mhz splits AND have autochannel select
for the units..

They cannot be easily converted to amateur use....the logic boards would
have to be bypassed and simple synthesizer controls added....or the
entire CPU reprogrammed with NEW software to allow it to work as a
conventional radio in the 900 Mhz amateur band...

SOMEONE may have done it,,,I have not heard of any..

73
Chris
WB5ITT

3159. Re: Motorala Micor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4okkvm$j7u@guyana.it.earthlink.net>
Source record: 200439

johnestein@mcn.net (John E. Stein) wrote:
>Hi! I have a fellow ham who's picked up an old Motorala Micor. He's
>looking for any kind of a manual with schematics . The only
>information he has is off the radio itself.
>
>FCC Xmtr Data : CC 3161
>
>Model T83RTA1404BA

The model number tells me its a 110-150watt 144-174 Mhz MICOR..BUT it may be on the high split (the 144-174 series is split into two bands...144-150 and 150-174)...what xtals are in it now? if 155, it MAY go to 146 and up with little problem...144 Mhz with a high split radio can sometimes be a PAIN!....

>S/N 203CDE4804
>
>We have no idea what range the radio is designed to operate in. His
>plans are to modify it to operate in either the 2 meter range or 7 cm.
>range. I'm not sure but I think he wants to use it for a repeater.
>
It can be modified to a rptr use....but a lot of work for someone who doesnt know what they are doing!

73
Chris
WB5ITT

3160. Cushcraft A4S beam antenna for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: rayf@gate.net
Message-ID: <4okkv5$274g@news.gate.net>
Source record: 200440

I have a Cushcraft A4S multiband yagi antenna for sale.
This beam cost me over $400 a year ago. I will sell it
for $175.00 and I will pay shipping within the U.S.
You can email me at: rayf.gate.net or call 941-648-1223
Thanks, Ray

3161. Re: Sales tax at hamfests?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4okmvm$mqr@crash.microserve.net>
Source record: 200441

Lee Blaske <lblaske@pclink.com> wrote:

>I'm on the committee for the largest hamfest in Minnesota. In
>the past few years, we've been having a lot of difficulty
>attracting any retailers from outside Minnesota. The reason is
>because the Minnesota Department of Revenue has been getting really
>aggressive about sales tax collection. I'm not talking about
>collecting sales tax at the show; I think most above board dealers
>will do this whenever they attend a show outside their state.

This is a hopeless situation. Many states already have laws and
agreements that define even mail order purchases as a retail
presence, and require collection of tax.

None of this will stop as long as those in government are allowed
to steal.

73,
Jack WB3U

3162. Voice Band Equalizer Advice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: k2wk@crystal.palace.net
Message-ID: <4okpql$fn3@puzzle.palace.net>
Source record: 200442

Howdy. I am wondering if anyone knows of a good audio
equalizer that is specifically designed for voice band
applications, i.e. 250 Hz to 4,000 Hz?

Any design ideas for building one will also be appreciated.
I am handy with a soldering iron, hi.

73 de Walt - K2WK

--
****
* *
* 73 de Walt Kornienko - K2WK (FRC) *
* k2wk@crystal.palace.net or K2WK@N2ERH.NJ.NOAM *
* *
****

3163. Packet cross band with TM-733

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: eb4adc@ibm.net
Message-ID: <4okppd$4lfh@news-s01.ca.us.ibm.net>
Source record: 200443

Hello, I have a problem. Idon't know how to put the TM-733 in cross band using the packet connector. I say: receiving on U and emiting on V, and if was a modification to make it.

Thanks..

73,'s eb4adc Nacho

E-mail: eb4adc@ibm.net

3164. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: scam@siu.edu
Message-ID: <scam-3005961226040001@port183.aixdialin.siu.edu>
Source record: 200444

In article <jpss-2905962109380001@ts22-01.dialup.ais.net>, jpss@ais.net
(Chip) wrote:

> In article <31AA0696.45EF@ix.netcom.com>, duane park
> <dspark@ix.netcom.com> wrote:
>
> > Does anyone know if the antenna on a Standard c-508A dual band radio is
> > the same type & gender, (sma) that is on the FT-50r?? If so, the Standard
> > antenna is much smaller and would work nice on the FT-50r
>
> As far as I know there are NO after market antennas yet available.
>
> The Yaesu SMA connector is NOT compatiable with the Standard type SMA.
>
> Chip

Actually, Yaesu is using two different kinds of SMA connectors on their
HTs, the one on the FT10/40 and the one on the FT50R. I believe that the
Standard antenna will work on the FT50, but not on the FT10/40.

Scott A. Manthe, N9AAT "There is no reason for any individual
E-MAIL: scam@siu.edu to have a computer in their home."
Protect your privacy, Kenneth Olsen, President,
use PGP. Digital Equipment Corporation, 1977

3165. Re: WTB, receive xtal for Kenwood TH-21AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4oknpu$6n5@mksrv1.dseg.ti.com>
Source record: 200445
Cross-posted to: rec.radio.amateur.homebrew,REC.RADIO.AMATEUR.EQUIPMENT

In article <4oe9fq$1dr@vista.hevanet.com>, mreiney@hevanet.com says...
>
>I need a receive crystal for a Kenwood TH21-AT handheld.
>It's 61.84964 MHz or thereabouts. Designated X2.
>thanks, miker
>

Mike,

Have you called East Coast Transistor? They're the official parts outlet for Kenwood. How about calling JAN Crystal, International, or some other crystal maker? I'd estimate you could get one for about $10 from most makers, maybe a bit more for the Kenwood part.

BTW... if you decide the TH-21AT isn't worth fixing, I might be interested ib acquiring it as a spare parts source for my TH-21AT.

73 de KC5NG (Dean)

3166. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Scott <smackay@epix.net>
Message-ID: <NEWTNews.833481268.31989.smackay@epix.net>
Source record: 200446

In Article<4o72a8$hm@service-2.agate.net>,
<back@maine.maine.edu> writes:
> Path:
news2.epix.net!news.sprintlink.net!new-news.sprintlink.net!servi
ce-2.agate.net!usenet
> From: back@maine.maine.edu (Jason Baack)
> Newsgroups: rec.radio.amateur.equipment
> Subject: Radio Shack DSP $39.00
> Date: 25 May 1996 13:35:04 GMT
> Organization: Your Organization
> Lines: 6
> Message-ID: <4o72a8$hm@service-2.agate.net>
> NNTP-Posting-Host: union_7.midcoast.com
> Mime-Version: 1.0
> Content-Type: Text/Plain; charset=US-ASCII
> X-Newsreader: WinVN 0.99.7
>
> Is the Rat Shack DSP unit any god? It is on clearance here
for $39.00?
> Yes/ No?
> reply to email please..
> baack@midcoast.com
> http://www.umecut.maine.edu/~baack
>
Jason,
I've found it a good buy at $49.00. I use it with my
FT-()! and FT-840 with good results even tho' both have narrow
CW filters. It is quite good on SSB as well, really gets rid
of the tuner-uppers, those annoying hetrodynes.
I use in front of my TNC as well on HF and find it effective.
Only weakness is noise blanker is not too effective.
BTW, it really shines with my National NC-300
I use as a VHF/UHF IF.
Id buy another if I could find it....
GL es 73
Scott
W7GSM

3167. Re: Another Ramsey kit to avoid

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: cjs9@cornell.edu
Message-ID: <4oksc5$c03@newsstand.cit.cornell.edu>
Source record: 200447
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <n1istDs68Gx.5E5@netcom.com>, n1ist@netcom.com says...
>
>Looks like I fell for it again, and bought another Ramsey kit (when will I
>learn :-)
>
>I picked up the FM-6 "Crystal Control Micro Size FM Transmitter Kit",
hoping
>to use it as a Fox transmitter.
>
>This is a surface-mount kit with a varactor-tuned crystal oscillator around
>12 MHz followed by a quadrupler and a tripler to get to 2M. What it
doesn't
>have is ANY filtering. I put it on the spectrum analyzer, and it is a very
>nice comb generator, with spurs every 12 MHz (including the aircraft band
>and FM broadcast band) These spurs (as well as the 2nd harmonic) are at
>most 5-10 dB down from the fundamental.

Mike, I also looked at this kit in the catalog, you know what? there is no mention of filters. So what's the bitch? It is not as if they promised you filters and you didn't get them.
>
>I called Ramsey, and their only response was "Look in the ARRL handbook and
>add a filter"; they will not take it back even though, if assembled
correctly
>as per their instructions, it is *not* legal to use.

Again I find this is exactly opposite whit every contact I have had with Ransey. They have always been polite and very helpful. They offer suggestions to try as in modifing the kits I have purchased. My guess is that from the attitude you display here that you came across the same way to them and no wonder you got what you did. Try being reasonable.

Another thing, just what did you expect for what they were charging for this kit. Sounds like you want top of the line for little or nothing.

>On the other hand, I am just finishing up the Ten Tec 2M kit; that's one
very
>nice kit, and I would recommend Ten Tec kits to anyone who wants to get
into
>kit building...

How much more was the TenTec kit? Might there be a correlation?

--
Carl (ex-jarhead) Semper Fi

KB2SGX
"For those who fought for it, freedom has a flavor the
protected will never know"
Unknown Marine, Khe Sahn, Viet Nam

3168. Wanted: Simpson VU meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: jackg@xetron.com
Message-ID: <Ds8GzF.3EG@xetron.com>
Source record: 200448

Hi,

I am restoring a Gates Stereo Yard radio station console that I picked up recently. One of the VU meters has a bad movement, and I am looking for a replacement.

The meter is Simpson Wide-Vue Style meter model 1347. It is square, and measures 3.25" on a side, though the meter is called a 3.5 inch size. An A or B scale is fine, and a damaged case is ok also, as I have a good quality case and cover.

Please email if you happen to have one or know of a source.

Thanks,

Jack, WB8BFS

3169. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: russell1@ihgp16.ih.att.com
Message-ID: <4oko6k$lmf@ssbunews.ih.att.com>
Source record: 200449

>> The Yaesu SMA connector is NOT compatiable with the Standard type SMA.
>>
>>Chip

>Comet makes a dual band antenna called the SMA-3 that fits the FT-50R,
>and makes a considerable improvement over the stock antenna. HRO carries
>it in their stores. Gary WB7SLY

These two statments don't seam to go together. I bought the SMA-3 for
my Standard C508. It fits and works very well (but it is a bit long for a
small radio), So I know the SMA-3 fits on the Standard. If it also
fits on the FT-50R, then the connections must be the same.

I though that SMA was a standard like BNC, TNC, PL-259 or any other connector.

--
Russell Keating, N9LIL -----------> Send email to: russell1@ihgp.att.com

3170. Re: Anyone ever hear of a TAD M8?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Steve Kennedy <prografx@teleport.com>
Message-ID: <4okvf3$5mu@nadine.teleport.com>
Source record: 200450
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I had the pleasure of interfacing some voice encryption units to a pair of TAD M8 radios about
5 or 6 years ago. They sure were a solidly built radio! I was very impressed with them.

Unfortunately, I cannot help you on the mic pinout, but I DO remember the radio! TAD was based
in Washington state if I am not mistaken. Do they still exist?

Steve
WB7PSD

3171. Re: FCC Public Notice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ol00u$oec@crash.microserve.net>
Source record: 200451

casey@intac.com (Steve) wrote:

>This article explains that it is illegal to own equiptment that
>can transmit out of the hambands???? That is insane!

Many CB'ers have had their equipment confiscated on the basis that it was capable of transmitting in an unauthorized manner. In the past, those of us with Amateur Radio licenses seemed to enjoy an unwritten privelage in this regard. It's no wonder the F.C.C. is changing its position, especially given the continued abuses (like the frequent mods published in these newsgroups). Hams have now demonstrated their ignorance of the need for type acceptance in other services, and that they can no longer be trusted to comply.

73,
Jack WB3U

3172. Re: auto antenna tuner questions for new to hf ham

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ol01l$oec@crash.microserve.net>
Source record: 200452

BQQL61C@prodigy.com (Sean Hall) wrote:

>something else you might consider: just because the needles say
>1:1 and 100 watts doesn't mean that's what the antenna's putting
>out. If your little vertical isn't halfway resonant, you're tuning
>the feedline, not the stick.

The first statement is correct, but not because the feedline
is being tuned. As long as the line doesn't radiate or incur
excessive loss, the system overall can still be efficient. It
won't matter whether the antenna itself is resonant.

73,
Jack WB3U

3173. QSK noise in TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <Ds8HDL.EBt@mv.mv.com>
Source record: 200453

Has anyone experienced a speaker popping when using the TS-870 in QSK. The popping was accompanied with sticking in transmit which was solved when Kenwood sent me new eproms but the popping remains. Any input would be welcome.

73
Richard N1VXW

Richard Lubash

3174. Need 2 page manual for Cushcraft A4S Tri-Bander

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: rayf@gate.net
Message-ID: <4okvto$u5g@news.gate.net>
Source record: 200454

Please help, I need a copy of the manual for the Cushcraft A4S
Tri-Bander Yagi. I have lost my original.
Thanks ahead of time!
Ray rayf@gate.net

3175. Re: Antenna Analysers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Steve Kennedy <prografx@teleport.com>
Message-ID: <4ol0e8$5mu@nadine.teleport.com>
Source record: 200455
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I bought one of the MFJ 259 units too. I don't know how I muddled through antennas and resonant circuits before I got this unit. It is great!

The peace of mind and surity it brings to my dealings with resonance and impedance approaches a
religious experience!

Steve
WB7PSD

3176. Re: Anyone got a service manual for President Lincoln??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ol1so$oec@crash.microserve.net>
Source record: 200456

w8jitom@aol.com (W8JI Tom) wrote:

>Clinton goes into thermal runaway, Gingrich gets random glitches
>in his I/O port, and Dole's clock is running real slow.

You forgot Gore. His RAM is full and the CPU has stopped.

73,
Jack WB3U

3177. FT-990 Info WTD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Barry Williams <tticon@wt.net>
Message-ID: <31AE16DE.653E@wt.net>
Source record: 200457

Hello,
Does anyone have information on the FT-990? I am interested in the
filtering scheme for the IFs, and the receiver performance.

Thank
Barry

3178. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Clyde Soles <Clyde_Soles@nile.com>
Message-ID: <31AE076D.7D10@nile.com>
Source record: 200458

Chip wrote:

> As far as I know there are NO after market antennas yet available.
>
> The Yaesu SMA connector is NOT compatiable with the Standard type SMA.

I bought the Yaesu SMA to BNC adaptor and a 1/2 wave Hot Rod for when I want to reach out. It's a bit fragile so I wouldn't leave it on and tightening the nut is a nuisance but it works.

3179. Re: Radio Shack Digital SWR/Power Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4okt6f$fr3@safety.ics.uci.edu>
Source record: 200459

I had the meter for about two days before I took it back for a refund.
I like the meter overall, but the one function I really wanted was
not working properly. I tried a second unit, and indeed the problem
seems to be a design flaw.

I wanted a good PEP reading wattmeter for SSB. The PEP function on
this meter is all but useless for SSB. It is an oversight, and I
am surprised it was not done properly. The PEP readings come very
quickly, so quickly that I cannot read PEP while speaking in a normal
voice. It seems to have no "peak and hold" circuit working with a
decent time interval so that I can read the meter. The numbers just
fly by, and I get nothing from it.

Now, the meter seems quite nice for CW and other modes. It seems
quite accurate down to low power levels. I like the way the physical
unit was designed, it is backlighted and easy to use. I would have
loved to keep the meter. But for SSB PEP readings, it is just
plain unacceptable. Even the average readings were pretty nonsensical
for SSB. Too bad. I went out and got the NYE Power monitor (for
the price of several Radio Shack meters :-) and I am OK now.

Clark
WA3JPG

3180. Problem with Rpt or meter?Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Bill Rahl <impact@mail.snet.net>
Message-ID: <4ol4v0$4dqc@CT1.SNET.Net>
Source record: 200460

I have a GR300 UHF repeater. I have a Daiwa Power& SWR meter
hooked up to it ,and it reads 40 watts output and swr around 1.9

I took a Daiwa "N" connecter 2 position antenna splitter to hook
the antenna to one side and a 60 watt dummy load to the other side,
so I could switch the antenna feed line to the dummy load in case of
storms and for testing.
The problem I noticed is that on my meter, the watts out
dropped down to 30 watts either on the antenna or dummmy load.
Any one got a clue what is happing here? I checked the cables for
shorts and they OK
Appreciate all help,
Bill Rahl

3181. Radio Direction Finders

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Jim Wagner <jimw@nando.net>
Message-ID: <31AE24E4.7FF4@nando.net>
Source record: 200461

Anyone have any recommendations for 2m radio direction finders suitable for Foxhunts or tracking down malicious interference? Mostly I'm interested in getting bearings when hunting down malicious interference on 2m repeaters but might get interested in foxhunting later.

73 de Jim, N4SVZ (jimw@nando.net)

3182. Re: HR 2600 Service Manual needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <4oi7cj$l4k@nadine.teleport.com>
Source record: 200607
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.swap

vfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:

>I need the service manual for the Uniden(President) HR 2600.

>I'll Pay Copy costs and postage for mailing.

>73 de KB7ADL

>vfiscus@mcn.net

You should be able to order it from Uniden. Go to their web page at:

www.uniden.com

and get the number for ordering parts.

Steve
WB7PSD

3183. IC-738 vs TS-450

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Ben Johnson <bjohn@concentric.net>
Message-ID: <31AE2EFB.A59@concentric.net>
Source record: 200608

I am in the currently considering my first HF rig and would appreciate any input anyone might have in regards to features to look for, options nice to have, etc. I think I have narrowed my search to the two above units...however, I am open to any other suggestions in that 12-1300 price range. I am currently learning code and expecting to use to unit for about 50% code, 50% phone. Thanks in advance for your help.

Ben Johnson
KF4JEB

3184. IC-245

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Melvin Seyle <wa3kzr@worldnet.att.net>
Message-ID: <4oiqi8$3vh@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 200609

I just purchased an IC-245 that I knew in advance had problems. It was really inexpensive, so I thought it was worth taking a chance. Does anyone out there have an instruction and service manual that I could buy or copy?

Thanks.

Mel Seyle
WA3KZR

3185. Tokyo Hi-Power Labs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: Melvin Seyle <wa3kzr@worldnet.att.net>
Message-ID: <4oist4$cm5@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 200610

Does anyone out there have a stateside phone number for
Tokyo Hi-Power Labs? I have an HL-35V that needs new relays, and need
to find somehwhere to obtain them.

Thanks.

Mel Seyle
WA3KZR

3186. TS-50S / IC-706 / DX-70 / TS-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-30 00:00:00 UTC
From: bclongwell@delphi.com
Message-ID: <9605292127591.The_Win-D.bclongwell@delphi.com>
Source record: 200611

In article <Viq8wAAPr3qxEw9R@barville.demon.co.uk>, Peter Barville <peter@barville.demon.co.uk> writes: > I have used my TS-50S for hf mobile for quite some while now, and am > very pleased with the excellent reports I receive, particularly on the > transmit audio quality. The main criticism I have of the TS-50S > concerns the ineffectual nature of its noise blanker.

>
> I am attracted by the idea of replacing the TS-50S with one of the later
> rigs, with detachable front panel. There have been recent postings
> comparing these different rigs, and (as I recall) opinion seems to be
> that the receive performance of the rigs vary considerably. I think it
> was suggested that the TS-50S is the worst, followed by the IC-706, then
> the DX-70, with the FT-900 having the best rx.
>
> I wonder whether anybody would care to offer any comments about the
> relative performance of each rig (and their noise blankers)? The IC-706
> certainly offers plenty of facilities, but does it offer satisfactory
> performance?
>

The IC-706 noise blanker works OK with ignition noise. Wipers, fans, and power line induced noises are not affected. On AM, the blanker is useful for moderate to weak signals. The blanker causes a popping distortion with strong signals. But the strong signals are usually stronger than the offending ignition noise in my car, so no problem.

I used to use an IC-735. Now there was a lazy man's noise blanker ... no need to bypass or filter anything, just push the button and adjust the blanking level ...

3187. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <31AF2358.4B08@voicenet.com>
Source record: 200312
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Gerald:

Here is a quirk of the MFJ tuners:

The dummy load ain't so dumb. If I select the dummy load with an
antenna attached to the tuner, then key up, enough RF will find it's way
to the antenna to get S-7 reports within a mile or so.

Ray

Gerald Phillips wrote:
>
> I am thinking about buying an MFJ HF tuner (specifically the 300w one
> with dummy load, etc.) Looking on some feedback about them and any
> expereiences (good or bad) folks have had. Also reccomendations on
> other tuners is fine also. Thanks.
>
> KE4MBD
> Gerald

3188. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: jms@col.hp.com
Message-ID: <4on9o1$a4a@nonews.col.hp.com>
Source record: 200313
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher (k1oik@ccsnet.com) wrote:
: Clearly almost anyone can better use ham frequencies than hams can.
: Have you listened to the important conversations plus contests
: and useless traffic on ham bands. If the FCC wiped out ham radio
: today 99% of the public would be unaffected. Even most hams
: would be unaffected as they are either dead, should be dead, or
: inactive.

Don't buy into Burt's flame. He lives to do this sort of thing.

Mike

3189. Opinions on Ten-Tec 555 Scout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4on906$vd2@pulp.ucs.ualberta.ca>
Source record: 200314

Hi,
I'm sure this question has been asked numerous times, but a friend and I are interested in opinions and experience with the Ten-Tec 555 Scout. Camping and backpacking season is finally arriving here in Western Canada, and we are looking at inexpensive, portable rigs, with a reasonable current draw to take outdoors. We need something with more power than QRP, but don't need a ton of buzzers and bells. 80 and 40m coverage should be adequate for the time being. What is the construction like with the Scout, and what kind of current draw can be expected with lower power output (say 25W)? We are interested to hear any general user comments/experience with the rig.
Thanks,
Chris VE6RDC

3190. Re: AEA CT-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Robert <rcollins@edcen.ehhs.cmich.edu>
Message-ID: <4ond1n$3ei@ramp2.tir.com>
Source record: 200315

I meant CP-1....but everything else is the same..

73 robert N4YHD

3191. test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: "David M. Kaye" <dkaye@mars.superlink.net>
Message-ID: <01bb4f20.b73a0000$9ddc61cc@Dave.superlink.net>
Source record: 200316

```
test message
```

3192. Re: Mod for FT-726R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: burch@netline.net
Message-ID: <4onfen$p6k@tesla.netline.net>
Source record: 200317

sba3020@InfoNET.st-johns.nf.ca (Carl Hodder) wrote:

>How would anyone compare the Ft-726R against the FT-736R besides
>it having CAT and 1200 MHz band option?

I bought a new FT-736R back in Oct/Nov. of '95. I have never used a
FT-726R but I have been extremely pleased with the 736. I have been
told that the band modules are different between the two radios, but I
am not 100% sure.

Burch Akin
KE4ZQV

3193. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: CrACKeD <cracked@primenet.com>
Message-ID: <4onfup$66v@nnrp1.news.primenet.com>
Source record: 200318
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Guy Teague <dteague@csc.com> wrote:
: I support putting Mr. Fisher in Low Earth Orbit.

I second the motion. Apparently Mr. Fisher has not been involved in the
public service side of amateur radio.

3194. Re: What does DISCRIMINATOR term means ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <31AF446A.22EA@staffnet.com>
Source record: 200319

Oleg Melnikov wrote:
>
> Hi folks,
>
> What does "Discriminator " term means ?
> How can I identify it on the wiring diagram of my Radio
> (radio with NFM mode) ?
>
> Thanks in advance.
> Best regards.

Perhaps a direct discrimintor audio output (before deemphesis) to drive
a sub-audible decoder or 9600 baud packet?

3195. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4onggb$boc@newsbf02.news.aol.com>
Source record: 200320

In article <4omre0$tfr@ns4-1.CC.Lehigh.EDU>, a313@Lehigh.EDU writes:

>I believe the last "Emergency" was WW II. Communication is only
>one facet of ham radio.

I thought there was something called Desert Storm. Ham radio and amateur played a large part in that. Prior to that it was Viet Nam and Korea. We used radios and radio ops there also. Then there was the Falklands, and lets see..............

3196. Re: FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: n4fan@shelby.net
Message-ID: <4omj2a$li1@doc.zippo.com>
Source record: 200321

In article <NEWTNews.833159337.590.thblazer@thblazer.bright.net>, thblazer@bright.net says...
>
>
>To all !
> Hello...I just got the FT-50R at Dayton also...I think I got the buy
>of the day...Love the Radio..Nice features. Nice size too!
>Looking for Mods to open it up...Appreciate any help... I have read in this
>news group about itscapablities...or what can be expected..We hope... and I
>am Interested in the Optional keypad ...to see if it is worth buying...
>
>Thanks to all...I get lots of Great info from these postings...
>
>
I'v had conflicting reports, does it do 88-108 wide FM?
Will it scan resonably fast.
I dont expect one to be like a scanner, but is it usable like one?
Thanks!
N4FAN
n4fan@shelby.net

3197. mirage amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: "T. Ronald Davis" <rond@intellect.com>
Message-ID: <01bb4f25.85006340$384060cc@dell100>
Source record: 200322

I'm thinking of pumping up my FT-50R for home use. Any comments on Mirage amps. In particular the Mirage B-34-G, 2m, 5in/35out watt unit?

3198. Re: ft-50r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: "T. Ronald Davis" <rond@intellect.com>
Message-ID: <01bb4f26.b2647460$384060cc@dell100>
Source record: 200323

Speaking of accidents -- Of course I was dinking with my FT50R, changed it, and THEN LOOKED in the manual and read "DON'T CHANGE IT". Fortunately - it didn't seem to do anyting. It is "ON" or "OFF" when it comes from the factory????

> Jerry Hogsett <jerry@hogsett.com> wrote in article <31A73799.3AEF@hogsett.com>...
> Michael M Long wrote:
> >
> > I just got an FT-50r and am confused about one of the funtions.
> > The knob function is SFT 24, which the manual does not talk
> > about. In the back, it says that it sets the CPU shift, so don't change
> > it. If it is so important, why make it a knob function that someone could
> > accidentally chage. Anyone know what this actually does?
> > michael long
> >

3199. Re: DUAL-BAND HT INFO??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: david_k@simusa.sim.ORG
Message-ID: <199605312035.QAA00651@news.interpath.net>
Source record: 200324

markn9srt@aol.com (Mark N9SRT) wrote:

> I carry the T7A because it is MUCH smaller than the 51R, if both
> radios have the 12-volt packs... the Yaesu is small with the smaller
> battery

In QST advertisements, the ICOM IC-T7A says it has "4W VHF OUTPUT -
With optional 9.6V BP-173" battery. Since they do say something like
"5 Watt output with 13.5V battery", they seem to imply that 9.6V is
the highest voltage battery you can use, and, consequently you will
need an adapter to use 12-13.8V from your auto. Can you advise me on
this?

--//
-- David A. Keller Work: david_k@simusa.org
-- SIM USA, Inc. 704.587.1462
-- Box 7900 Home: kellermd@aol.com
-- Charlotte NC 28241.7900 KF4JDL
-- By Prayer Since 1893
--//

3200. Re: TS450S - Wide RX???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Piers Rochford <piers@sling.demon.co.uk>
Message-ID: <737285292wnr@sling.demon.co.uk>
Source record: 200325

-- Please can you send me details of the mod that you already have and
if you get the new one that as well

Thanks

Piers.

---

piers@sling.demon.co.uk

3201. FS: Awesome AR8000 with many accessories!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: tom.howley@moa.net
Message-ID: <4olm8c$s3i@mordred.cc.jyu.fi>
Source record: 200326
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.amateur.equipment

For Sale: AR8000 Scanner and accessories.

I will only sell as a COMPLETE SET, I will not break them up! I have used the below Items VERY little, they are in ABSOLUTE MINT condition and all work perfectly. I have done the hot glue fix on the AR8000INF ribbon cable. I will also include a disk copy of the knowlege base I have accumulated over the last 1.5 years from Usenet groups and other places. It is about 115 KB in Word 6.0 format. I can TRY to convert it to other formats before shipping if necessary. If you meet or beat my price I will throw in a special bonus that I'd say is worth at least $50-$100 depending on if you are a collector.

Interested parties may contact me via email tom.howley@moa.net. If you live within resonable distance to Waterford Michigan, you can see it before you buy.

Paid New Item
$599.00 AR8000 Scanner- US Version
800 MHz unblocked
US Bandplan 'Tweaked'
Original Packaging
12V DC Car Cord
4 AA Nicad Batteries
Wrist Strap
AOR Rubber Antenna
AC Charger/Adapter
AR8000 Demo Software

$85.00 AR8000INF Computer Interface

$55.00 AR8000 Howard Bornstein Leather Case

$129.97 Scan Star Commercial Version 4.49 w/ original packaging and disk
Controls the following Additional Radios:
AOR AR8000
AOR AR3000
AOR AR3000A
Uniden MR-8100
ICOM R7000
ICOM R7100
ICOM R9000
Optoelectronics Optoscan 456
Optoelectronics Optoscan 535
Japan Radio Company NRD 535
Japan Radio Company NRD 525
Drake R8

Yaesu FRG9600

$30.00 Percon Spectrum Lite Frequency Database on CD-ROM Spring 1995
Spectrum Lite Contains The following data Fields:
Frequency
Licensee
Callsign
City
State
County
Class
Service
Number of Mobiles
Number of Pagers
Number of Air Units
Number of Marine Units

$9.99 Beyond Police Call Frequency Directory 1st Edition (1995)

$908.96 Total Original Cost

Asking Price $775

Tom N8LFZ

3202. Schematic for Alinco DJ-162

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: duane@rci.ripco.COM
Message-ID: <m0uPc48-000Kl8C@foley.ripco.com>
Source record: 200327

Hi, I am looking for a schematic for a Alinco DJ-162 HT, could someone please help me, thanks. duane@ripco.com

--
>>>> Duane Whittingham - N9SSN - Dedicated to TVRO & Radio Broadcasting! <<<<

duane@ripco.com (MHGC -- Damian Smith)

>>>> Make The Right Choice --- C-Band TVRO --- Not The Little Dish! --- <<<<

3203. Quick Call 2?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: ad796@yfn.ysu.edu
Message-ID: <4onqd8$o4c@news.ysu.edu>
Source record: 200328

Hello,
I am on my local volunteer fire dept and I am considering
buying a new ht since my Icom 2AT is getting rather old. I am
really amazed by all of the features that are offered now and I
noticed that some of the radios have something called a CTCSS decoder.
At first I thought that because of this I would be able to use my new
HT instead of a pager that the fire dept hands out. These pagers can
be set so that they are quiet until an alert is sent out by the dispatcher.
They a set of audible tones is heard and the alert is spoken by
the dispatcher. Someone told me that this ruled out CTCSS tones since
they are sub audible. The tones that the fire dept uses are called
Quick Call 2 or also 2 tone sequential. I was wondering if anyone knew
of any ham hts that would be set off by these tones or that could be
modified to do such. Thank you for your help. If you could reply to
my email address I would deeply appreciate is since I will lose my
newsgroup reader when I go home for summer break. Thanks!
--
Mike Goodman ad796@yfn.ysu.edu N8PDV

3204. Re:FT-1000mp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: szumbrun@aol.com
Message-ID: <4onre1$eqc@newsbf02.news.aol.com>
Source record: 200329

Does anyone have any experience in increasing the power output of the mp.
I've heard one can increase the rf power output in the mp to 200 watts.
Anyone have any experience? Would appreciate info. Thanks, Steve W6SHO

3205. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Randall Rhea <randall@informix.com>
Message-ID: <31AF7285.55CD@informix.com>
Source record: 200330

Jason Baack wrote:
>
> Is the Rat Shack DSP unit any god? It is on clearance here for $39.00?

It is not a god :-)

It works well as a narrow filter for CW or for a notch filter
for SSB. For $39, it's a good tool if you are having problems
with heterodynes (squeals) on SSB, especially on 40m. It
automatically notches out the squeal. Its noise
cancelling does not work at all as far as I am concerned, except
maybe on CB AM.

--
==========
Randall Rhea randall@informix.com
Informix Software, Inc. Sr. Systems Engineer

3206. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31AF7983.794B@pactitle.com>
Source record: 200331
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

```
Burt Fisher wrote:
>
> Clearly almost anyone can better use ham frequencies than hams can.
> Have you listened to the important conversations plus contests
> and useless traffic on ham bands. If the FCC wiped out ham radio
> today 99% of the public would be unaffected. Even most hams
> would be unaffected as they are either dead, should be dead, or
> inactive.
>
> I think I will write my congressIT.
>
>
> #===============#=====================================================#| Burt Fisher |
Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | If you sit on the fence, it is a pain in the butt |
> #===============#=====================================================#|
k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
> #=================================================================#

Burt grow up and rip up your licence!!!!!!
you must not be a ham.. just a pig.!!!!!
http://www.geocities.com/Hollywood/5860
--
Dave Booth
kc6wfs
```

3207. Re: mirage amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31AF7E94.15FB@pactitle.com>
Source record: 200332

T. Ronald Davis wrote:
>
> I'm thinking of pumping up my FT-50R for home use. Any comments on Mirage
> amps. In particular the Mirage B-34-G, 2m, 5in/35out watt unit?

--
hello.
i have the 30in 160 outt. works like a charm. have had it for a few
weeks.
but i know the old owner of it and he never had a probb.
works very good on 2m ssb!!!!!

http://www.geocities.com/Hollywood/5860
Dave Booth kc6wfs

3208. Re: Radio Direction Finders

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31AF8134.59E2@pactitle.com>
Source record: 200333

Jim Wagner wrote:
>
> Anyone have any recommendations for 2m radio direction finders suitable
> for Foxhunts or tracking down malicious interference? Mostly I'm
> interested in getting bearings when hunting down malicious interference
> on 2m repeaters but might get interested in foxhunting later.
>
> 73 de Jim, N4SVZ (jimw@nando.net)

try looking here.. a good one!!!
http://home.navisoft.com/agrelo/page20.htm

have fun ..
http://www.geocities.com/Hollywood/5860
--
Dave Booth kc6wfs

3209. Kenwood interface IF-232C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: shwol@worldonline.nl
Message-ID: <31af8091.15365445@news.worldonline.nl>
Source record: 200334

Hi,

Presently I am trying to connect my Kenwood TS450S to the serial port of the computer through the IF-232C interface.

The logging program, WJ2O, sees the serial port (com 1), however the data is not being transferred from the txvr to the computer.

The diagram of the RS-232C cable says that only pin number 1, 2, 3, 4, 5 and 7 are used. I tried those (pin 1 being the top-row most right pin of the 25pin socket of the interface when lookingTO the back of the interface).

My questions are:

1. Did I make the right assumption of the pin numbers of the 25-pin socket on the IF-232C interface?

2. Is there a way to check whether the problem is related to the interface, to the cable between the computer and the interface or to the software (the WJ20 logging program?)

Tks

73
Coen
PA0COE

3210. Experience with QRO Linear Amplifiers?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Dave Bernstein <dhb@rational.com>
Message-ID: <31AF7F5F.1226@rational.com>
Source record: 200335

If you have used or are now using a QRO linear, I'd appreciate your frank assessment of the amplifier. I've read the review published in the DX Bulletin, but would like feedback from a broader base of users.

Dave
AA6YQ
dhb@rational.com

3211. Re: Yellow wire mod on ICOM IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31AF868E.41C6@pactitle.com>
Source record: 200336

David Whitehurst wrote:
>
> Has anyone clipped the "yellow wire" on the ICOM 706 to get decent sensitivity
> outside the vhf ham bands yet? Did it increase intermod on 2 meters??? Dose
> it void the 1 year warranty by Icom??? N4ZGT David.

i found a few mods for the ic-706 here....
ftp://www.cdrom.com/pub/hamradio/oak/mods/icom/ic-706.mod

have fun !
http://www.geocities.com/Hollywood/5860
--
Dave Booth
kc6wfs

3212. Re: DJ 560 help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31AF8757.167E@pactitle.com>
Source record: 200337

Daniel F. Stiles wrote:
>
> I just traded for an Alinco DJ-560 and would like
> to hear comments about mods or tricks that have
> been learned.
>
> I do not care about making it transmit out of the
> ham bands as I am not licensed to operate there.
> But, I would like to listen.
>
> Any info would be appreciated
>
> 73, Dan KB1BG
> dstiles@ushmm.org

try looking here there are a few mods...
ftp://www.cdrom.com/pub/hamradio/oak/mods/icom

have fun.
http://www.geocities.com/Hollywood/5860
--
Dave Booth
kc6wfs

3213. Re: Quick Call 2?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: teacherjh@aol.com
Message-ID: <4oo38c$ip9@newsbf02.news.aol.com>
Source record: 200338

>>
The tones that the fire dept uses are called
Quick Call 2 or also 2 tone sequential. I was wondering if anyone knew
of any ham hts that would be set off by these tones or that could be
modified to do such.
<<
The Radio Shack HTX-202 comes with built in DTMF squelch. You send a DTMF
tone sequence and the other radio unsquelches and hears you. I think many
other 2 meter radios do this, but I don't know if it is built in.

CTCSS "subaudible" is a bit of a misnomer, you can hear it, but it is not
very loud... more like a light buzz. However, it does keep the radio
quiet unless that tone is recieved, then the radio unsquelches and can
hear your voice call. It is also called PL which stands for "private
line", a Motorola trademark. It was intended to let several users share
the same frequency (though not to transmit at the same time... it jsut
keeps the other people's radios off while you are talking to your cohorts)

Jose KD1SB

3214. Re: Anyone ever hear of a TAD M8?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: ddenter@nortel.ca
Message-ID: <4omqtu$3j5@bcarh8ab.bnr.ca>
Source record: 200339
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4okvf3$5mu@nadine.teleport.com>,
Steve Kennedy <prografx@teleport.com> writes:
>I had the pleasure of interfacing some voice encryption units to a pair of TAD M8 radios about
>5 or 6 years ago. They sure were a solidly built radio! I was very impressed with them.
>
>Unfortunately, I cannot help you on the mic pinout, but I DO remember the radio! TAD was based
>in Washington state if I am not mistaken. Do they still exist?
>

as far as I know, they exist. They certainly are a nice radio, one
tiny little mod and they become keyboard programable at the flick
of a switch (no I don't have the mod, but I did have a radio with
it done -- but its gone now :( )

later,
Dean.
--
Dean Denter work -> ddenter@nortel.ca
VA3CDD play -> ddenter@magi.com
[[[[[[[[[[[[[I speak only for myself]]]]]]]]]]]]]

3215. WindTrax Balloon Flight!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DsAIMy.1B6@iquest.net>
Source record: 200340

WINDTRAX VII FLIGHT IS SATURDAY!!!

June 1, 1996 at approximately 1200 UTC (start checking about 6am Indiana time),

Launch site: 2.5miles east of Whiteland, Indiana (south of Indy about 10 miles)

Prelaunch Freqs: Check-ins: 3.871MHz, & 146.835/R locals
Nets begin at 1130UTC

Balloon Type: Kaymont 1200 Gr.

Parachute Size: 5 foot diameter custom made by KB9BSV

Flight packages;
Crossband repeater (by Paul /W9DUU)
2m rcvr to 6m & 70cm xmtrs, with voice ID & nicad pwr pack, dual half wave antennas
GPS/Packet(By Chuck/WB9IHS)
Garmin rcvr, Paccom controlled (HandiPacket) & down-linked on TEKK 446MHz xmtr.
Self contained, nicad & lithum powered, 1/4 wave xmtr antenna, Ball Corp stripline rcvr.
Stripline antenna on top of box. Audio beeper for ground retrival of packages.
ATV(by Terry/KT9V)
Two (2) B&W CCD cams, WB8ELK color video graphics downlinked on Wyman ATV xmtr
with 1/4 wave antenna. Self contained, lithum powered. CCD cams are mounted one
shooting horz., and one up, solid state switching controlled.

Flight Package Freqs;
Crossband rptr; Dn 52.525 & 444.85 MHz (VP) 50 & 100mW output Up @ 144.3MHz (VP)

GPS/PAcket: Dn 446.0 MHZ @1200 Baud packet (VP) 250mW output.

ATV: Dn 439.25 MHz (VP) 1.5 WATTS OUT!!!

All amateurs are welcome to participate, checkin, monitor feeds, etc. Pix will be posted on the following WEBSITE:

www.surf-ici.com/marc Stop by and get a birds eye view from 95,000 feet up!

For details on the WindTrax Group and the WindTrax program, contact Chuck Crist/WB9IHS via email, mai@iquest.net

3216. IC-1200A 25 kHz channel spacing?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDs9z7t.HsC@netcom.com>
Source record: 200341

In so cal there seem to be alot of 1.2 GHz band repeaters with 25 kHz channel spacing (i.e., 12xx.x25 MHz). The unit can be configured for 10 or 50 kHz tuning steps. (the IC-1200E can be set for 12.5 or 25 kHz steps), so I can't tune exactly (i'll be 5 kHz off those particular spots).

Is the diff between the 1200A and 1200E set by a jumper? Is there any way to accomodate this short of a lobotomy (of the radio, not me!)?

73 Dave WB0GAZ dgf@netcom.com

3217. Re: WTB: Icom 3SAT HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Harold Hackman <hhackman@earthlink.net>
Message-ID: <31AFD75C.2EAB@earthlink.net>
Source record: 200342
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.swap

Bill Dorsey wrote:
>
> I'm interested in buying two of these radios. If you have one or two
> available for sale, please send me email stating condition and price.
> Thanks!
>
> 73s
>
> Bill Dorsey (N3LMF)

Bill,

For your info, I paid $190 at a flea market for a 3sat in excellent condition. I suspect you'll pay between that and $250.

Good luck.

Harold

3218. Re: I support the LEO and the loss of ham frequencies. - signatur.pce (0/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: alexevon@abraxis.com
Message-ID: <4ono41$755@clark.zippo.com>
Source record: 200343
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>Clearly almost anyone can better use ham frequencies than hams can.
>Have you listened to the important conversations plus contests
>and useless traffic on ham bands. If the FCC wiped out ham radio
>today 99% of the public would be unaffected. Even most hams
>would be unaffected as they are either dead, should be dead, or
>inactive.

>I think I will write my congressIT.

>
>#===============#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | If you sit on the fence, it is a pain in the butt |
>#===============#===#|
k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
>#===#

what kind of HAM are you? That is no way of supporting Amateur
Radio!! I'm 26 and been a ham sine 13. I've seen hams help disaster
agencies,etc....You should resign your call and don't even think you
were an Amatuer Radio operator! I could not beleive I read this JOKE!
alex

3219. Re: I support the LEO and the loss of ham frequencies. - signatur.pce (1/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: alexevon@abraxis.com
Message-ID: <4ono44$755@clark.zippo.com>
Source record: 200344
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment
Body handling: Inline uuencoded payload not displayed: signatur.pce

```
[Inline uuencoded payload not displayed: signatur.pce]
```

3220. * Menace a nos bandes *

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: belsan@odyssee.net
Message-ID: <4omvus$9m5@pegasus.odyssee.net>
Source record: 200345
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.space

visees sont celles qui sont les plus fortement congestionnees et utilisees. D'autres bandes qui auraient ete aussi bonnes au point de vue technique, et qui n'auraient pas nui a quiconque, ne sont pas comprises dans la liste. Il semble avoir un but politique ou personnel quelconque derriere ca, mais qu'importe la raison, ces propositions ne devront jamais devenir realite. C'est la premiere fois, de memoire, qu'un autre service serait propose pour la bande de 144 MHz. Faisons en sorte que ce soit la derniere.

Les deux bandes amateur visees consitituent les pierres angulaires de nos activites de service au public. Bien plus souvent qu'autrement, ce sont ces bandes qui servent le plus sur un site d'un sinistre ou d'une urgence quelconque, ou lors des activites de communications pour les evenement communautaires. La phonie, les donnees numeriques, mobile, fixe, meme la television, et la liste se prolonge, autant dans l'immediat que dans l'avenir. Quelle logique y a-t-il dans ces choix??

Meme apres que l'ARRL ait explique ces enjeux aupres des representants de l'industrie, on ne recut pas plus d'assurances que nos bandes seraient retirees. Meme qu'il fut repete que jusqu'a ce que leurs besoins soient satisfaits, toutes les bandes resteront sur la liste. Ceci n'est pas satisfaisant pour nous.

Alors, on vous appelle pour votre assistance pour defendre NOS bandes. Nous devons faire pression aupres des autorites americaines et canadiennes pour que ces propositions meurent dans l'oeuf. Nous devons faire valoir notre position avec une telle force, avec un tellement grand nombre de reponses que plus personne ne sera tente de recommencer une telle betise. Il ne faut pas attendre WRC-97 pour combattre cette menace, IL FAUT COMMENCER MAINTENANT.

Voici une liste d'adresses des gens impliques dans cette affaire, y compris celles des gens de l'industrie satellite (commercial) qui ont pris partie dans cette menace:

Cecily C. Holiday, International Bureau, FCC, Washington, DC 20554,
E-MAIL: choliday@fcc.gov FAX: 202-418-0748

Warren G. Richards, President, IWG-2A, Dept. of State, CIP 2529,
Washington, DC, 20520
E-MAIL: richardswg@ms6820wpoa.us-state.gov FAX: 202-647-7407

Tracey Weisler, Representant FCC, IWG-2A, International Bureau, FCC,
Washington, DC, 20554
E-MAIL: tweisler@fcc.gov FAX: 202-418-2824

Mary Kay Williams, Final Analysis Inc, 7500 Greenway Center, Suite 1240, Greenbelt, MD, 20770 FAX 301-474-3228

Il y aurait aussi Industrie Canada, qui pourrait etre interesse. Ou votre depute federal. Envoyez-leur vos commentaires,

en autant qu'ils sont polis. Si vous etes capables de faire vos arguments d'une facon intelligente et sans recourir aux insultes et aux menaces, c'est d'autant plus efficace pour attirer l'attention. L'objectif, c'est d'eduquer et de persuader, et non d'intimider, car les faits sont de notre cote.

Les preparatifs pour WRC-97 peuvent etre consultes sur le site WWW de la conference: http://www.fcc.gov/ib/wrc97/

Ecrivez maintenant. C'est important.

[d'apres une serie de bulletins paquet de l'ARRL, et un editorial publie dans QST, Juillet 1996]

73, Michel VE2TRV @ VE2FKB.#MTL.PQ.CAN.NOAM

Francois Va2bbf@ve2cev

3221. Re: Anyone got a service manual for President Lincoln??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: prografx@teleport.com
Message-ID: <4okino$t41@nadine.teleport.com>
Source record: 200374
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.homebrew

Erik Finskas OH2LAK <finskase@ee.port.ac.uk> wrote:

>As the subject tells, I am looking for a service manual for President
>Lincoln.
>If you have one, please mail me. I would be interrested of a copy.

>Erik
>--
>Erik Finskas M1AAJ & OH2LAK
>Email Finskase@ee.port.ac.uk
> Lakki@clinet.fi
>University of Portsmouth, UK
>Department of Electric and Electronic Engineering

Isn't the President Lincoln the "export" version of the Uniden HR2510
10 meter Amateur transceiver?

You can get Uniden's parts department phone number on their web site
at:

www.uniden.com

If they can't help on the Lincoln service manual, an HR2510 is
probably fairly close if these radios are indeed different shades of
the same color.

Steve
WB7PSD

3222. Re: IC-245 Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: hepc@earthlink.net
Message-ID: <4olf3k$81v@uruguay.it.earthlink.net>
Source record: 200375

Where can you get an Icom IC-245 SM?

I was told that Icom didn't make one.

--73, Todd KE4UDN

Todd Owen Hanover Engineers, P.C.
Richmond, VA 804-730-0011 (Voice)
804-730-4012 (Fax)

ke4udn@amsat.org

3223. AEA CT-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Robert <rcollins@edcen.ehhs.cmich.edu>
Message-ID: <4olg31$p5k@ramp2.tir.com>
Source record: 200376

hello,

does anyone have the software for the AEA CT-1. morse/rtty interface to a computer (IBM compatable)??? I am in need of the software and the manual. I have a AEA CT-1, but have no documents or software and would like to get it working..

thanks in advance for any help

rob N4YHD

3224. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4olkl3$o0g@ssbunews.ih.att.com>
Source record: 200377

In article <01bb4e85.fd58e920$354060cc@dell100>,
T. Ronald Davis <rond@intellect.com> wrote:

>For $8 HRO will sell you a Yaesu CN-3 (a SMA
>to BNC adapter that works on the FT50R)

I bought a similar adapter for $5 last week at
The Ham Radio Toy Store, Wheaton, IL.

Sorry, I don't have the telephone number handy.
Dial information at (708)555-1212.
--

==========
Copyright 1996, Bob Parnass, AJ9S AMPS Wireless Development Laboratory
parnass@bell-labs.com - (708)979-5414 Bell Laboratories

3225. F.S. Universal M-400 Decoder with CI-400 Computer Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: johnsw@mhv.net
Message-ID: <31ae590e.6140484@news.mhv.net>
Source record: 200378

I have a Universal M-400 Decoder (Version 2.0 - latest version)
complete with manual, power supply, computer interface, cables, and
Ci - 400 software. The unit is in excellent condition and will decode
the following:

Baudot
ASCII
SITOR A&B
FEC-A
SWED-ARQ
FAX
ACARS
POSAG Pager Data
Golay Pager Data
CTCSS PL
DCS PL
DTMF Tones

The CI-400 interface allows the unit to monitor user definable cap
codes which can be set to flag an alarm as well as store the dat on a
pc and/or print to printer. The unit is handy for monitoring your own
pages, news, weather,sports,emergencies, or anything else you may
want.

I am asking $350 for both or
$325.00 for the M-400 and
$50.00 for the interface and software.

johnsw@mhv.net

3226. Re: HF Mobile in a Saturn ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: prvalko@vela.acs.oakland.edu
Message-ID: <4olml2$75l@news2.acs.oakland.edu>
Source record: 200379

AC4QO (ac4qo@aol.com) wrote:
: I am thinking of getting a HF mobile rig and installing it in my 94 Saturn
: SL2. My two primary concerns are the mounting of the equipment and
: antennas. Any thoughts and experiences would be appreciated. Also, I am
: interestd in any recommendations for mobile rigs. Used equipment is
: preferred as I cannot afford the new stuff.

Bob, I've got a 1995 Saturn SL-2 and (thankfully) only one year to go on the lease. I have NEVER owned a worse vehicle for RF noise, spark noise, etc. If your '94 is quiet (I get S9 static while the engine is running on 2M FM!) you are lucky. If not, try a rig with a good noise blanker - I use an FT-900at when I'm able to put up with the static.

If you have a friend with an HF rig you can borrow, connect it to the Saturn battery and tune around with an HF whip, maybe your will be clean.

It's not a bad car for the money but I would not sugest one to a ham.

73! =paul= wb8zjl

p.s. Saturn says there's nothing that can be done.

3227. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <4olm21$jm6@useneta1.news.prodigy.com>
Source record: 200380

>These two statments don't seam to go together. I bought the SMA-3 for
>my Standard C508. It fits and works very well (but it is a bit long for
a
>small radio), So I know the SMA-3 fits on the Standard. If it also
>fits on the FT-50R, then the connections must be the same.
>The connector on the FT-50 is the same as the C-508. The FT-10 Yaesu
is the opposite gender connector as the FT-50.

3228. Re: Sales tax at hamfests?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: ccsys@interport.net
Message-ID: <31ae5e6a.1987588@news.interport.net>
Source record: 200381

On Thu, 30 May 96 16:34:59 GMT, jackl@pinetree.microserve.com (WB3U)
wrote:
>None of this will stop as long as those in government are allowed
>to steal.
>

Yes, exactly. And that's why we have to stop them. And if it makes
the difference between getting (re-)elected or not they will. That's
up to us. Are we up to it? Zzzzzzzzzzz.

Wake up America!

PS- There is a FUNDAMENTAL PROBLEM with this. Politicians have NEVER
heard the story about killing the goose that laid golden eggs.

Andrew
N2CBU

3229. Re: LOUD Astron PS??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: ccsys@interport.net
Message-ID: <31ae603c.2453838@news.interport.net>
Source record: 200382

On Wed, 29 May 1996 21:46:52 -0700, "Dale \"Squeak\" Porray"
<ad7k@accessnv.com> wrote:

>I missed the original post, so I can only but guess what was said ...
>
Same here.

>If you are talking about mechanical noise,...
>Sometimes you can remove the top cover, "warp" it in an upward direction
>(bend it about 1/8 inch), and replace it to find that the contact (which ....

This is a possibility. More likely, if the supply has seen heavy
usage, the plates in the transformer have become de-laminated and are
vibrating. For large transformers (without bolts) the fix is
understandably harder: Remove the transformer and squeeze the plates
together in a vise. Some transformers have bolts which can be
tightened but the less expensive ones have just a soft steel bezel
around three sides. This is the "tightening" adjustment point. I've
fixed many "buzzing" power suppies this way.

Andrew
N2CBU

3230. Kenwood TM-733A memory mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: N3WUU <steves@clark.net>
Message-ID: <31AE7187.7FFE@clark.net>
Source record: 200383

I've been searching for a way to expand the 70 memories in the TM-733A. The rig does not accept the ME-1 option from Kenwood. I've checked all the available mod sites with no luck.

Anybody have a service manual that might give us a methodology for the mod? Reading the schematic implies that the display CPU is also the memory unit. If that's correct, the mod is probably not likely. Although, there may be a programming diode or resistor that could be clipped.

Any ideas would be welcome.
TIA
****
73 de N3WUU Steve Siegel
*SteveS@clark.net *
****

3231. Wire for sale: THE BEST AROUND

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Robert Spangle <rspangle@sol.wf.net>
Message-ID: <4olhii$jti@sol.wf.net>
Source record: 200384

FOR SALE:

Guy wire for antenna towers or any thing else you want to use it for.

We have plenty of it and we are selling it by the foot!
This is TIP TOP (aviation) quality multistranded wire.

Specs below:

SIZE: 5/32 (9 gauge)
STRANDS: 49 total filaments (7 x 7)
COATINGS: each filament brass coated
PRICE: $0.50 per foot (volume discount available)
SHIPPING: Order the cable and we charge only for
shipping. We will pack it for free!

This cable is the BEST for radio towers. You cannot find a
better deal. It DOES NOT rust!

WE WILL MATCH ANY BODY'S PRICE!

Call 1-817-781-9576 or email rspangle@sol.wf.net
for a special quote or for more information.

Rob Spangle
9 Colonial Dr.
Wichita Falls, TX 76306

3232. Mic Switch on Yaesu FT-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: frediam@mcs.com
Message-ID: <4olt4c$8di@Nntp1.mcs.net>
Source record: 200385

I recently puchased a Yaesu FT 900CAT for mobile operation. There is a switch on the back of the MH-31 microphone allowing for tone positions 1 or 2. Instructions don't give any indication as to which way to set this. Anyone know?

Thanks in advance.

de Fred (N9LUR)

3233. TS450S - Wide RX???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Marinus Willemstijn <willemma@telkom19.telkom.co.za>
Message-ID: <4om0mu$odp@igubu.saix.net>
Source record: 200386

I received a mod that will allow the TS450SAT to RX above
30Mhz. In the mod the author states however that if you do this
mod output power on 10m will drop to about 50W.

Isn't there a mod somewhere that will give you extended RX with
no loss in power?

--
Marinus Willemstijn
Tel +27 12 325-6503
willemma@telkom19.telkom.co.za

3234. Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: travisp@ix.netcom.com
Message-ID: <4olsol$5li@dfw-ixnews8.ix.netcom.com>
Source record: 200387
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I am thinking about buying an MFJ HF tuner (specifically the 300w one with dummy load, etc.) Looking on some feedback about them and any expereiences (good or bad) folks have had. Also reccomendations on other tuners is fine also. Thanks.

KE4MBD
Gerald

3235. electronic dog collars (fenceless fences)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: JSE@delphi.com
Message-ID: <4om6mv$r5h@news1.delphi.com>
Source record: 200388

How do those radio-dog-collar fences work? Are they radio
controlled? Does outside interference zap the dogs accidentally?
Does the equipment breakdown easily or often?

(The dog people don't seem to know about electronics,
but maybe the electronics people know about dogs, eh?)

Thanks!

3236. Need schematic for Johnson KW Match Box

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: pgerba@crl.com
Message-ID: <4om8db$nn0@crl7.crl.com>
Source record: 200389

I need a copy of the KW Match Box schematic.

pete
pgerba@crl.com

3237. I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31AEC025.6EB1@ccsnet.com>
Source record: 200390
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Clearly almost anyone can better use ham frequencies than hams can.
Have you listened to the important conversations plus contests
and useless traffic on ham bands. If the FCC wiped out ham radio
today 99% of the public would be unaffected. Even most hams
would be unaffected as they are either dead, should be dead, or
inactive.

I think I will write my congressIT.

#===============#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#===============#===#| k1oik@ccsnet.com
fisher@meol.mass.edu MAC is 5% of the market |
#===#

3238. DC-DC converter ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: fedingas@perkunas.omnitel.NET
Message-ID: <9605311812.AA58812@perkunas.omnitel.net>
Source record: 200391

Does someone can recommend, where we could purchase a DC-DC converter 12 V
->24 V , 15-20 A
(YES, i.e. from 12V to 24V !!! Not the popular 24->12V !)
A manufacturers name, product name, E-mail link, tel/fax will be appreciated.
Thanks, and BYE !

==========
Viktoras Peteraitis LY2BIG (AB4UW) Vilnius, LITHUANIA
E-mail: fedingas@post.omnitel.net
Tel: (370-2) 709-833 office; (370-2) 700-598 home; Fax: (370-2) 709-807
==========--==========

3239. Re: Wire for sale: THE BEST AROUND

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4omhhp$2d9@newsbf02.news.aol.com>
Source record: 200392

In article <4olhji$jti@sol.wf.net>, Robert Spangle <rspangle@sol.wf.net>
writes:

>
>SIZE: 5/32 (9 gauge)
>STRANDS: 49 total filaments (7 x 7)
>COATINGS: each filament brass coated
>PRICE: $0.50 per foot (volume discount available)
>SHIPPING: Order the cable and we charge only for
> shipping. We will pack it for free!
>
>This cable is the BEST for radio towers. You cannot find a
>better deal. It DOES NOT rust!

Let's see, I could buy that cable for .50 cents a ft OR.....

1.) larger non-metallic philystrand for the same price. It not only won't
rust, it won't affect my antennas.

2.) go down to the local CATV supplier and purchase 1/4 inch thick EHS
utility line grade heavy galvanized cable (that will last at least 20
years) for less than 10 cents a foot.

3.) buy stainless steel 3/16" cable for 12 cents a foot (that won't ever
rust and is thicker).

;-) Beauty is in the eye of the beholder.

73 Tom

3240. SSTV GEAR?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: an609568@anon.penet.FI
Message-ID: <9605311036.AA13867@anon.penet.fi>
Source record: 200393

Any recommendations for a good PC-based SSTV system? I use a
486DX4/100 with the usual multimedia SB card/CD-ROM gear and Stealth
graphics card. Advice would be appreciated - replies to
damien.vale@airservices.gov.au

Damien VK3CD

--****ATTENTION****--****ATTENTION****--****ATTENTION****--***ATTENTION***
Your e-mail reply to this message WILL be *automatically* ANONYMIZED.
Please, report inappropriate use to abuse@anon.penet.fi
For information (incl. non-anon reply) write to help@anon.penet.fi
If you have any problems, address them to admin@anon.penet.fi

3241. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4omir5$1se@explorer.csc.com>
Source record: 200394
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

I support putting Mr. Fisher in Low Earth Orbit.
--
Cheers 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa

3242. WTB: Motorola Walkie Talkie

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: eisner@lavielle.com
Message-ID: <eisner-3105961244450001@eisnerx75.lavielle.com>
Source record: 200395

I'm looking for the WWII Motorola shortwave walkie talkie, about
4"x4"x14", looks like an oversized telephone handset and is painted olive
green.

--
Herbie Eisner: eisner@lav.de

3243. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4omovp$41h@newsbf02.news.aol.com>
Source record: 200396

> Even most hams would be unaffected as they are either
> dead, should be dead, or inactive.

So why do you use K1OIK to identify yourself? If hams are such losers,
it seems you would distance yourself from the group.

> Clearly almost anyone can better use ham frequencies than hams can.
> Have you listened to the important conversations plus contests
> and useless traffic on ham bands.

No, it's not MENSA discussions most of the time, but some people enjoy
these activities. Perhaps you could draft a list of approved activities
and
topics for discussion. I'm sure we could all sleep better at night
knowing
we are "K1OIK APPROVED".

I think if you don't like what you hear, change the frequency! All my
radios have
a knob or button to change it. If you can elevate the level of
discussion, join in!
I personally think there are more constructive uses for the space occupied
by
Major League ballparks, but some enjoy the experience, and the land on all
sides is used for other purposes, so it would seem everyone gets
something.

A lot of new blood has entered the hobby recently, with better operating
habits
than I hear used by some old-timers on HF. ncouragement to learn and
experiment and possibly
compete for at least equal footing with countries that take education
seriously,
we need more cable channels, satellite feeds, pagers, cell phones and
cordless
phones, and a populace that has NO IDEA how any of it works. What a bunch
of morons we have in the NASA astronauts who hold ham licenses. Just
think
how much better off life would be if we had done away with ham radio years
ago!
How useless all the hams were in World War II. Maybe Foot Locker will
start
a "Shoes for Amateur Radio Equipment" program. I can't wait!

And this computer! I'll just grab the phone cord and puBBBBBBBBBBBZZZZZ
ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ

3244. Looking for CRT info for Heathkit 10 meg dual trace scope

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Gary Steckly <gsteckly@clark.dgim.doc.ca>
Message-ID: <31AF1BBB.41F5@clark.dgim.doc.ca>
Source record: 200397

I recently acquired a Heathkit 10 meg oscilloscope - however the
CRT had been removed. I don't have a manual either, so I have no
idea what type of tube was in it.

Would anyone have a Heathkit model IO-4210 scope out there who
would be willing to give me that info? I would really like to get
a schematic for this thing too, and am willing to send a SASE with
a few bucks for the copying.

If you can help, please reply via email to gsteckly@clark.dgim.doc.ca

thanks

Gary

3245. Re: What kind of antenna is this?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-3105960850460001@145.39.1.10>
Source record: 200398

In article <31a81da3.23755608@news.davlin.net>, hturn@pelican.davlin.net wrote:

> I have just aquired a military antenna and I was wondering what
> exactly I have. It seems to be a very large mobile antenna.
> It consists of the bottom (base) which is about 24 inches long and 3
> inches in diameter painted green. N type connecter on the side about
> 9 inches from the bottom. Stamped on the base is the following:
>
> ANTENNA AT-1062/G
> ORDER NO. 40512-PM-60
> MOTOROLA INC. SER.NO. 1
>
> Yes ser.no. 1.
> After the base is a very heavy steel spring. Then comes 24 inches of
> half inch aluminum tube on the end of which is a compression nut where
> a whip such as a 102 incher would fit.
> Any ideas as to what I have aquired?
> Does the N type connector indicate that this is a VHF or UHF antenna?
> Let me know if you have any ideas I am tempted to disasemble the base
> but don't dare to now.
> Thanks Hank.
> hturn@pelican.davlin.net

Working from memory, you have the base of a multi-channel military HF 2-18 MHz mobile antenna, hence the N connector. Your guesses about NOT disassembling the base and about requiring a long whip are correct, but I recall the whip length was 96". Maybe you can find an Army MARS member who could obtain the AT-1062/G performance specs for you.

--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3246. Re: ADI AT200HP HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: afn35036@afn.org
Message-ID: <31aef824.8184539@usenet.afn.org>
Source record: 200399

david_k@simusa.sim.ORG (David A. Keller) wrote:

>As a new ham, I am looking to buy my first radio.
>Does anyone own and/or give recommendation of the
>ADI AT200HP HT? The price is good (~US$190) which
>is a big consideration for my budget, but I don't
>want to get something that will not be good quality,
>easy to find repair service, parts & accessories,
>modifications, etc.

I would like to know more about this radio myself. A local ham bought one at the Gainesville Hamfest and he gives it a "buy" recommendation. All I know is that ADI stands for Azden Development Industries. As for modifications, I understand it is a simple keyboard sequence that opens up the extended receive and MARS/CAP transmit. I understand it uses Standard brand batteries, so third-party batteries are available. It has reasonably good intermod rejection and the output audio is good. The speaker is small so it is not good in a loud environment. The only problem I have with it (from the one occasion I saw it in person) is that the external power socket is on the back of the radio instead of the top where it belongs.

If you hear more about this radio, please give me a summary of the responses.

BTW, I understand that a dual-band version is being released this month, the AT-600.

Steve
--
http://www.afn.org/~afn35036 (EL89tq)| "I have never really understood the
http://www.afn.org/~gars | rationale behind sports...which
http://www.afn.org/~quilters | all seem like exhausting new ways of
PGP pub key: finger afn35036@afn.org | getting injured while sweating." -LGW

3247. Re: AMP HOOK UP FOR IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: csmith1@ccgate.hac.com
Message-ID: <4ompra$bpo@newsroom.HITC.COM>
Source record: 200400

In article <4oiap2$fps@newsroom.HITC.COM>, "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
says:
>
>
>> Any body out there running a amp with a 706? I need to hook up my AL 80
>> . Looks like you use pin 3 on the acc bot 20 ma isnt going to get it you
>> must have to find a light relay to switch with les than that. Any help
>> would be great.
>
>May 1996 CQ, pp 30 -- EXACTLY what you wanted to know.
>
Here's more:

The CQ May 96 gives the following for a 737A that "will work with many current Icom
transceivers":

```
22 ohm 1/4W _
ICOM ACC(1) 0------\/\/\/\------(_)-- amp
OR ACC(2) DIN |
plug (both /------------------'
have pins 3 1/4 w /. (shield)
& 7 assigned 220 ohm 0 .
the same) 7 ---/\/\/\--------|---3
- 3
3 ---| 1N914 ^ 3 Radio Shack #275-283
|______________|___3 12V reed relay
```

If this is not understandable, read the article <g>. The text calls out
#275-233 and says it's 11 mA, so there is a discrepancy.

3248. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4omre0$tfr@ns4-1.CC.Lehigh.EDU>
Source record: 200401

In article <31AEC025.6EB1@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> writes:
>Clearly almost anyone can better use ham frequencies than hams can.
>Have you listened to the important conversations plus contests
>and useless traffic on ham bands. If the FCC wiped out ham radio
>today 99% of the public would be unaffected. Even most hams
>would be unaffected as they are either dead, should be dead, or
>inactive.
>
>I think I will write my congressIT.
>
>
>#===============#==#| Burt
Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | If you sit on the fence, it is a pain in the butt |
>#===============#==#| k1oik
@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
>#===#
>
Why do you still have a ticket ???? You're either dead, should be dead or
Inactive ? Which is it ??? According to regulations.... Amateur traffic in non
emergency situations shall be restricted to items not interfering with
commericial telecommunications bussiness, ie it's supposed to be unimportant.
This philosophy allows foreign governments an opportunity to protect their
telecommunications industry. The intent of the FCC regs is to provide a pool
of technically trained people in communications and electronics for use in
emergencies. I believe the last "Emergency" was WW II. Communication is only
one facet of ham radio.

73's
Dick K8WHA (Not Inavtive but maybe dead or should be dead)

Dick K8WHA

3249. Re: Anyone got a service manual for President Lincoln??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Ds9vzF.71L@iglou.com>
Source record: 200402
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.homebrew

Would you settle for a service manual for President Clinton? It's much
more compact.

: > As the subject tells, I am looking for a service manual for President
: > Lincoln.
: > If you have one, please mail me. I would be interrested of a copy.
: >
: > Erik

: Perhaps the Walter Reed Army Medical Center or Bethesda Naval Hospital in
: Washington, DC could supply one.

: Sorry, couldn't resist :-)

: WA3ZXO

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3250. COMPUTER SHOW / HAMFEST - June 16, 1996 (Ohio)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: n8jms@cars.org
Message-ID: <n8jms-3105961035440001@news.en.com>
Source record: 200403
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.amateur.swap,rec.ham-radio.swap,cle.biz,cle.forsale,cle.general,cle.internet

What:
HAMFEST - COMPUTER SHOW - ELECTRONICS FLEA MARKET

When:
June 16, 1996

Time:
8AM - 1PM

Where:
Nordonia High School, Macedonia, Ohio (Just south of Cleveland)

Join the Cuyahoga Amateur Radio Society at its 5th annual Hamfest!

This years Grand Prize:
- An Icom 2350H Dual Band Mobile!

And don't miss out on these door prizes:
- An Icom 2GXAT 2m Handheld!
- A 28.8K External Modem!
- A Handheld Scanner!

Tickets are $3.00 in advance. ($4.00 at the door.)

Inside Vendor Spaces are $11.00 each and include one admission ticket.
Additional spaces are available for $8.00. (Inside vendor setup will be on
Saturday night 6pm-9pm and Sunday morning at 6am.)

Outdoor Vendor Spaces are $4.00 each.

For reservations or info, call Rich James, N8FIL at 1-800-404-2282, visit
our WWW site at "http://www.cars.org" or send e-mail to: hamfest@cars.org

73 de N8JMS

3251. Re: Sales tax at hamfests?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4on3qf$ds0@crash.microserve.net>
Source record: 200404

ccsys@interport.net (ccsys@interport.net) wrote:
>jackl@pinetree.microserve.com (WB3U) wrote:

>>None of this will stop as long as those in government are allowed
>>to steal.

>Yes, exactly. And that's why we have to stop them. And if it makes
>the difference between getting (re-)elected or not they will. That's
>up to us. Are we up to it? Zzzzzzzzzzz.

Voting won't stop it. For every thief voted out of office,
there are a thousand more, just as lazy, willing to say or do
anything to get elected. We won't be protected from this until
it's put in black and white in the Constitution. That's not
likely, considering the people who have to make the change are
the same opportunists who benefit from doing otherwise.

>PS- There is a FUNDAMENTAL PROBLEM with this. Politicians have NEVER
>heard the story about killing the goose that laid golden eggs.

Well, that's sort of like saying a thief has never heard of
incarceration. No, the fundamental problem is that a democracy,
in and of itself, is no more a guarantee of individual rights than
a dictator. Government confiscation doesn't become moral simply
because the majority decrees it. Constitutional protection is
required to differentiate democracy from mob rule.

73,
Jack WB3U

3252. Re: Alinco DR-130T MOD Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-3105961126110001@145.39.1.10>
Source record: 200405

In article <31AA3F61.23EE@prolog.net>, Steve Dobak <sdobak@prolog.net> wrote:

> N9MXT1 wrote:
> >
> > Hello,
> > I am a member of a local EMERGENCY MANAGEMENT AGENCY and I just
> > picked up a Alinco DR-130T and want to know if anyone has any mods for
> > this
> > radio?? I would like to be able to transmit on it for my EMA group on
> > 154.770
> >
> > So, if anyone out there has any mods for this radio please let me
> > know...
> >
> > Thanks all and hope to hear from you
> > soon
> >
> > N9MXT1 - Jeffrey
> If I remember correctly, copy down all your memories as you will lose
> them, then take the top off the radio, you will find a obvious wire loop
> blue I believe, maybe red, going to the front panel cut that wire turn
> on and reset the radio you are all set then, reprogram the radio.
> ----steve wb3amg-----

These types of notices usually mean some forthcoming action from the FCC.
We'll see if they tell manufacturers to stop building amateur radios
capable of being opened up for all band TX.
This may finally be the start of new enforcement action to control illegal
operation of amateur equipment on Maritime and PLMRS frequencies where
type acceptance of equipment is mandatory. It is apparent that relying on
the amateur radio operator to stay inside the amateur bands has been a
failure.

PUBLIC NOTICE
FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET NW
WASHINGTON, D.C. 2055462882

News media information 202/418-0500.
Recorded listing of releases and texts 202/418-2222.

May 13, 1996

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The Commission has noted that a number of transceivers imported as ARS equipment are also capable of transmitting and are being operated in nearby frequency bands allocated to other radio services such as the Private Land Mobile Radio Services, Maritime Services, Auxiliary Broadcast Services, International Broadcasting Services, the Citizens Band Radio Service, and the U.S. Government. Operation of this equipment causes interference to the authorized users of these frequencies. Some of these transceivers are capable of using output powers or emission types which are not permitted for the radio services listed above and some are capable of transmitting in the radio astronomy band where no two-way radiocommunication is permitted. Some manufacturers are promoting the sale of conversion kits, or have designed their transceivers such that they can easily be modified by the users, to extend the operating frequency range into the frequency bands listed above. In addition, so called "export" radios which are deliberately designed to facilitate this capability are also being imported and marketed.

Manufacturers, importers, vendors and users of these transceivers are reminded that transmitters intended for operation on frequencies allocated to any of the FCC authorized radio services listed above, except the ARS, must be type accepted by the Commission for the particular radio service(s) in which they are intended to operate prior to their importation, marketing or use. The Commission considers that the transceivers discussed above are intended to be operated on frequencies where the use of type accepted equipment is required, because of the simplicity of modifying them to extend their operating frequency range. Transmitters designed and intended for use only in the ARS must comply with the applicable technical standards contained in Part 97 of the Commission's Rules but are not required to be type accepted.

It is a violation of the Commission's regulations to:
(1) import or market a transmitter that is designed or intended to operate on frequencies outside of the ARS bands, if it has not been issued a grant of equipment authorization for the radio service(s) in which the transmitter is capable of operating;
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(3) transmit on a frequency allocated to a licensed radio service without the appropriate Commission-issued station license.
Violation of the Commission's regulations will subject manufacturers, importers, vendors and users of this equipment to appropriate criminal penalties as provided for by federal law(s), including fines and/or imprisonment. In addition, the equipment described above can be seized by, and forfeited to, the government.

For further information concerning this Public Notice, contact Gary Hendrickson at the FCC Laboratory, 7435-A Oakland Mills Road, Columbia,

Md. 21046, (301) 725-1585, Extension 223, or E-mail: ghendric@fcc.gov.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
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** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3253. Re: yaesu ft-990 gen coverage xmit ??????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-3105961134100001@145.39.1.10>
Source record: 200406

In article <4occnv$dl1@newsbf02.news.aol.com>, jayb@aol.com (Jay B) wrote:

> how do i enable gen coverage xmit in my yaesu ft-990?? thanks in advance.
> Jay

If you are a MARS or military station with legal authorization to transmit outside the ham bands, you can get the most accurate modification information directly from Yaesu. If you are planning to use a transverter to cover the entire 6M, 2M, or 70cm band, you'll rapidly find that SSB and weak signal activity resides in the bottom 500 kHz segments.

On the other hand, the FCC takes a VERY dim view of unstopped transmitters, as you can see in the public notice below which was recently issued. These types of notices usually mean some forthcoming action from the FCC, we'll see if they order manufacturers to stop building amateur radios capable of being opened up for all band TX. This may finally be the start of new enforcement action to control illegal operation of amateur equipment.

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--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3254. Re: Kenwood TM-241A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-3105961137220001@145.39.1.10>
Source record: 200407

In article <4o9nps$89m@news.inforamp.net>, chrisv@valteck.com (Chris Valliant) wrote:

> Does anyone know how to remove the restrictions on the radio so you can
> transmit on all the freq. you can recieve on ? It's really annoying to be
> able to recieve all those freq but to be able to transmit on only a select
> few. I know there is a reason for the restrictions, but I am not sure what
> it is :)
> Thanks in advance
> Chris Valliant
>

Well, these types of public notices usually mean some forthcoming action from the FCC. We'll see if they order manufacturers to stop building amateur radios capable of being opened up for all band TX. This may finally be the start of new enforcement action to control illegal operation of amateur equipment.

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Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3255. Yaesu software??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Clyde Soles <Clyde_Soles@nile.com>
Message-ID: <31AF171F.5421@nile.com>
Source record: 200408

OK, I have an FT-50R and would like to get the software for programming it. The crux is I have a PowerMac and it is a Windows program. Fortunately I should be able to run the program using SoftWindows 3.0 but I will need an adaptor for the cable. So has anyone out there done this? If so, do you know what adaptor is needed? Any help would be appreciated.

TIA

3256. Re: FT-1000 Expert Needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: k2wk@crystal.palace.net
Message-ID: <4on9uj$obc@puzzle.palace.net>
Source record: 200409

Jim Nance (jnance@one.net) wrote:
: dnorris@k7no.com wrote:
: >
: > ed@aloha.net (ed) wrote:
: >
: > >TDE <tde@snet.net> wrote:
: >
: > >>My piece of !$#@ FT-1000 is off frequency about 50 cycles or so. Drives
: > >>me nuts, love to be exact. Looking for any info on tweaking it back
: > >>into place. Can this be done easily enough, or is it stricltly a
: > >>factory job? Thanks very much!!! - Rick, N1SQJ
: >
: > >There's a trimmer in the hole on the TXCO, if you have that option, or
: > >probably in the master oscillator circuit, if you don't. You can
: > >zero-beat on WWV if you turn the IF shift all the way to the bassy
: > >side with an SSB mode selected (use headphones to hear the zero beat
: > >clearly). Make sure the set's fully warmed up before adjusting.
: > >Ed- AH6MI
: >
: > You don't have to listen to zero beat. It is easier and more accurate
: > to switch alternatively between USB and LSB and adjust the trimmer
: > until both sidebands exhibit the same tone.
: >
: > cdn
: >
: > C. Dean Norris
: > Amateur Radio Station K7NO
: > e-mail to dnorris@k7no.com
: > http://www.syspac.com/~dnorris/
: Swithing between sidebands usb and lsb is not the proper way to set the
: master oscillator. You are probally thinking of the way to set the
: carrier points without test equipment. If you want to be accurate and
: apparently the original post is if they are concerned about 50 cycles.
: Forget WWV and set the freq. with an accurate frequency counter.

On the FT-1000, which controls (vari-caps) need to be adjusted
to set the carrier point? The service manual lacks a "Theory
of Operation" chapter so finding the specific part is quite
difficult.

MANY THANX de Walt - K2WK

: 73 de KE4WY (Usually dosn't get involved)

```
--
*****************************************************************
* *
* 73 de Walt Kornienko - K2WK (FRC) *
* k2wk@crystal.palace.net or K2WK@N2ERH.NJ.NOAM *
* *
*****************************************************************
```

3257. Re: Condenser Mic to Dynamic input?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: Roland Burgan <rburgan@up.net>
Message-ID: <4on374$18o@btc1.up.net>
Source record: 200410

It strikes me that using a condenser mike for amateur radio use
is a bit of audio fidelity overkill. It probrably will require
phantom power.

3258. Re: AMP HOOK UP FOR IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-05-31 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4on89t$84p@newsbf02.news.aol.com>
Source record: 200411

In a message dated 96-05-31 09:31:34 EDT, you write:

> Stuff...

The relay circuit in May CQ page 30 won't work with the 706.

The transistor buffer (figure 2) will work but it should really have a pull up resistor between the base and emitter of 47k to 1 meg ohm.

The text regarding the AL-80 is incorrect. The AL-80 manual clearly has a maximum sink current of less than 100 mA, and a open circuit voltage of around 15 Vdc maximum with pulse protection, so it will plug right into all ICOMS except the 706.

The authors suggestion to use the circuit in figure 2 with high voltage relay amplifiers like most Heathkits (and some other amps) is incorrect. The PNP switch he shows will not reduce the open circuit voltage between the amp and the radio keying line. The worst case scenario is a fried transceiver, not a fried transistor as he suggests.

73 Tom

3259. Re: FCC Public Notice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4oohc7$8kq@crash.microserve.net>
Source record: 200213

hturn@pelican.davlin.net (Hank Turner) wrote:

>Actually I believe this is all directed not at the amateur service,
>but at those CBers who buy "10 meter" rigs and bootleg between
>27.405 and 28.000 and also below 26.965.
>
>Federal enforcement there seems to be nearly nil. They are doing
>preemptive enforcement. What would be great and would certainly help
>the situation would be to type accept 10 meter only gear. I know of
>no ham that uses an RCI made radio on ten.

Type acceptance would be a waste of everyone's time and money.
Besides, who cares what a CB'er does beow 28 MHz? The solution
is to prohibit sales of equipment capable of transmitting on the
Amateur bands to unlicensed individuals.

73,
Jack WB3U

3260. Re: QSK noise in TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4oohi3$8kq@crash.microserve.net>
Source record: 200214

rlubash@poco.mv.com (Richard Lubash) wrote:

>Has anyone experienced a speaker popping when using the TS-870 in
>QSK. The popping was accompanied with sticking in transmit which was
>solved when Kenwood sent me new eproms but the popping remains. Any
>input would be welcome.

You may have to live with this. My older model Cubic does the same
thing, although it otherwise has excellent QSK. One of these days,
I'll investigate the time constants to see if there's a way to
soften the T/R clicks.

73,
Jack WB3U

3261. Re: Question: glass-mount glue?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: wa6gsd@ix.netcom.com
Message-ID: <4oobgq$svs@sjx-ixn6.ix.netcom.com>
Source record: 200215

In <1996May22.225248@msuvx1.memphis.edu> usdhicks@cc.memphis.edu writes:
>
>Thanks for reading.
>
> I am considering buying a glass-mount antenna for my scanner. I already have
>several mag-mounts on my roof, and I think the glass-mount is the best choice
>for my particulat application. But I have a question I'd like to ask before I
>go out and buy one:
>
> What type of glue do you use to put it on with, and how well does it hold.

There is no actual "glue" used in these antennas... The mounting to glass is done with 2 sided tape, and holds quite well.. I have had 2 or three over the past 10 years, and have never had one fall off..

>If it holds too well, how do you get the antenna off?

It is fairly easy to get off when you need to...Usually a putty knife slid between the mount and glass is all that is needed to get one off..

What if it doesn't hold
>too good? Does it fly off as you driving down the highway? And does it leave
>any markings on the glass after you remove it?

Once it is removed and the glass is cleaned, you can't tell it was ever there. (assuming you are careful and don't scratch the glass taking it off..

>
> Any help or comments will be greatly appreciated. You can respond to
>me direct, or post it here so other's can read it.
>
>Thanks & 73
>de Steve, AB5ZW
>usdhicks@cc.memphis.edu
>
>

3262. Re: Problem with Rpt or meter?Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4oohvv$8kq@crash.microserve.net>
Source record: 200216

Bill Rahl <impact@mail.snet.net> wrote:

>I have a GR300 UHF repeater. I have a Daiwa Power& SWR meter
>hooked up to it ,and it reads 40 watts output and swr around 1.9
>
>I took a Daiwa "N" connecter 2 position antenna splitter to hook
>the antenna to one side and a 60 watt dummy load to the other
>side, so I could switch the antenna feed line to the dummy load in
>case of storms and for testing.
>
>The problem I noticed is that on my meter, the watts out
>dropped down to 30 watts either on the antenna or dummmy load.
>Any one got a clue what is happing here? I checked the cables for
>shorts and they OK

With a SWR of 1.9:1, the impedance at the feedpoint to the line
wil vary with line length, as will the accuracy of the meter.
Inserting the switch probably just changed the line length in
such a way as to cause the reading to decrease. Incidentally,
did the SWR measurement for the antenna change after you installed
the switch? Also, is the SWR 1:1 with the dummy load switched in?

73,
Jack WB3U

3263. FT-101ZD loading assy needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: Gregg Fine <76460.551@CompuServe.COM>
Message-ID: <4ooha0ljb1@mhafn.production.compuserve.com>
Source record: 200217
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I am in need of a loading assy for a Yeseau FT-101ZD. Any information to include price will be appreciated. Would like to get this good rig back on the air.

thanks-Gregg/KF4AUY/AAT4AD

3264. Problems with Alinco DJ-180T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: hendric@ksu.ksu.edu
Message-ID: <4oonqv$geg@fox.ksu.ksu.edu>
Source record: 200218

Recently, my DJ-180T from Alinco lost its channel memory, and apparently a few other things as well. Once I recharged the battery, it will not allow me to go above 147.995MHz. I have tried resetting it and changing the channel step. Still nada. I know I somehow got it to work, because I used to have the National Weather Service stations (~160MHz) programmed into it. Any ideas would be appreciated. Thanks a lot!

--

Richard Hendricks, Kansas State University, Manhattan, KS
"Though it may take a thousand years, we will be free."
--G'Kar, "The Long, Twilight Struggle", Babylon 5
The problem with the global village is all the global village idiots.

3265. Re: ft50 / ic7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: estedman@aol.com
Message-ID: <4oot92$rlv@newsbf02.news.aol.com>
Source record: 200219

maybe there's a message there....

3266. Repeater funtion TH79E ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: dr-guru@cuci.nl
Message-ID: <31affea9.317686@news>
Source record: 200220

Has someone a MOD for the TH79E?
I am looking for a repeater MOD ,the yeasu has the posebility the creat a full repeater funktion to 2 mtr and 70cm!

Is this posible with the Th79E ??

Ton Muller

Forte Free Agent .99e
Life long and prosper dude's!

3267. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: KD6FYK <kd6fyk@wco.com>
Message-ID: <31B00377.2DDC@wco.com>
Source record: 200221
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Dave Booth wrote:
>
> Burt Fisher wrote:
> >
> > Clearly almost anyone can better use ham frequencies than hams can.
> > Have you listened to the important conversations plus contests
> > and useless traffic on ham bands. If the FCC wiped out ham radio
> > today 99% of the public would be unaffected. Even most hams
> > would be unaffected as they are either dead, should be dead, or
> > inactive.
> >
> > I think I will write my congressIT.
> >
> >
> > #================#===#|
Burt Fisher | Teacher of video, broadcasting and electronics |
> > | Amateur call | South Dennis, Ma. (Cape Cod) |
> > | K1OIK | If you sit on the fence, it is a pain in the butt |
> > #================#===#|
k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
> > #===#>
> Burt grow up and rip up your licence!!!!!!
> you must not be a ham.. just a pig.!!!!!
> http://www.geocities.com/Hollywood/5860
> --
> Dave Booth
> kc6wfs

now-now dave,we are supposed to be nice to our fellow hamsters,
after all it's just a hobby.73 steve cm88ll

3268. Re: Heil Pro headsets?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: Jim Nance <jnance@one.net>
Message-ID: <31B02DF1.4752@one.net>
Source record: 200222

I have been using Bob Heil's stuff since the early 80's. I have a PROSET
and like it very much. If you want good audio get the one with the HC5
element not the HC4. The audio from the HC4 is tinny and treble
soundingand helps when working DX but for overall fine sound get the
HC5.

73 de KE4WY

macino@mail.fwi.com wrote:
>
> In <4o6u8p$1af0@usenetz1.news.prodigy.com>, FSWF37A@prodigy.com (James Brannigan)
writes:
> >Any opinions on the Heil Pro Headset?
> > Likes and dislikes, is it worth the money?
> >Any preference on the mic elements. I Dx and contest, but dislike harsh
> >audio.
> >Thanks for you input
> >
> >73, Jim
> >
> Jim,
> It's one of the nicest treats to do for your rig, and yourself. I love mine. High
> Quality good stuff! I have a voice about 3 octaves below gravel gerty (maybe
> before your time) and I use the DX HC-4 element. I get quite a few excellent
> audio reports off of both the TS-450SAT and the TS-850SAT. The DX element
> has a lot of drive so you can speak in a very normal voice with terrific results.
> Do it!
> Jim WD9AHF

3269. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: alexevon@abraxis.com
Message-ID: <4oodoi$elt@clark.zippo.com>
Source record: 200223
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>Clearly almost anyone can better use ham frequencies than hams can.
>Have you listened to the important conversations plus contests
>and useless traffic on ham bands. If the FCC wiped out ham radio
>today 99% of the public would be unaffected. Even most hams
>would be unaffected as they are either dead, should be dead, or
>inactive.

>I think I will write my congressIT.

>
>#===============#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | If you sit on the fence, it is a pain in the butt |
>#===============#===#|
k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
>#===#

ignorance! just pure stupidity..I can't believe YOU even announced
your call sign on here!
Alex-kb4lbx

3270. Kenwood 440S 6m ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: tdengler@ix.netcom.com
Message-ID: <4opbvs$iit@dfw-ixnews8.ix.netcom.com>
Source record: 200224

Is ther any way to put 6m on a Kenwood TS440s rig?
Like an external VFO or transverter?

3271. Re: FT-1000mp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: Ed Sikorski <edsikor@serv01.net-link.net>
Message-ID: <31B068CD.5135@serv01.net-link.net>
Source record: 200225

SZumbrun wrote:
>
> Does anyone have any experience in increasing the power output of the mp.
> I've heard one can increase the rf power output in the mp to 200 watts.
> Anyone have any experience? Would appreciate info. Thanks, Steve W6SHO

Steve:

If you find out how to increase the output of the FT1000mp to 200w could
you please let me know. I'd like to increase my 1000mp output also.

ed aa8pa

3272. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <4opl0a$do3@bolivia.it.earthlink.net>
Source record: 200226

i bought the standard 508a dual band antenna and it works great on the ft50r. cost was $25!.

andy
n6xkn

3273. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4opn9o$kb0@crash.microserve.net>
Source record: 200227
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Ray Wilson <n3rkh@voicenet.com> wrote:

>The dummy load ain't so dumb. If I select the dummy load with an
>antenna attached to the tuner, then key up, enough RF will find
>it's way to the antenna to get S-7 reports within a mile or so.

Sounds like their dummy loads and their verticals share some
common technology. ;)

73,
Jack WB3U

3274. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: greenthumb@iss.com
Message-ID: <4opns6$nso@ns1.ccinet.net>
Source record: 200228
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

I agree with Mike. Geez, can't you guys smell a Troll????
Please don't bite and give this moron the thrill.

3275. Is Bandhopper Good Mobile Ant?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4opprk$4mr@rock101.genie.net>
Source record: 200229
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I am considering one of those all-band mobile antennas (BB3, High Sierra, etc) and have been hearing a lot about the Bandhopper becoming the antenna of choice for hard-core mobilers. Before I drop $400 for one of these all-banders, I would like to get some informed comments. Anyone?!?
--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

3276. Re: 48 FT. ROHN TOWER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: dsterner@neosoft.com
Message-ID: <4oppic$829@uuneo.neosoft.com>
Source record: 200230

In article <4oh94m$4ds@crusher.ici.net>, ka1kla@ici.net says...
>
>I HAVE A ROHN HBDX 48 F00T FREE STANDING TOWER FOR SALE.IT'S DOWN AND READY TO
>GO
>ASKING $300.00 OR TRADE FOR COMPUTER SET UP.NAME IS DICK,KA1KLA
>

1. No need to yell (loose the capitols).

2. Are you willing to ship anywhere in the world for the stated price? This
is a world-wide group and you neglect to state where you're located.

3277. Re: Opinions on Ten-Tec 555 Scout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: baack@monet.umecut.maine.edu
Message-ID: <4opp0j$nos@sol.caps.maine.edu>
Source record: 200231

In article <4on906$vd2@pulp.ucs.ualberta.ca>, cdorn@gpu.srv.ualberta.ca
says...
>
>Hi,
> I'm sure this question has been asked numerous times, but a friend and
>I are interested in opinions and experience with the Ten-Tec 555 Scout.
(deleted text...)
>Thanks,
>Chris VE6RDC
>

Chris for what it is worth,
A) I do not own a Scout.
B) Can't afford one right now.

However, I have heard several good things and a few bad onthe Scout
performance. Bad have ranged from CW drift.. to the limited 1 band at a time
module. Good things have been said about the filter, power draw, and the
"Quality of sound" that the rig delivers.
I would love to purchase one....maybe a wedding present NOT!

73's Jason N1RWY
--promoting the use of portable computing..
http://www.umecut.maine.edu/~baack

3278. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: baack@monet.umecut.maine.edu
Message-ID: <4opopa$nos@sol.caps.maine.edu>
Source record: 200232
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <31AEC025.6EB1@ccsnet.com>, k1oik@ccsnet.com says...
>
>Clearly almost anyone can better use ham frequencies than hams can.
>Have you listened to the important conversations plus contests
>and useless traffic on ham bands. If the FCC wiped out ham radio
>today 99% of the public would be unaffected. Even most hams
>would be unaffected as they are either dead, should be dead, or
>inactive.
>
>I think I will write my congressIT.
>
>
>#===============#===#|
Burt
>Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | If you sit on the fence, it is a pain in the butt |
>#===============#===#|
k1oik@
>ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
>#===#

Guys, Guys, guys..!!

Lets take the negative energy generated here and use it to write to those
who thought up this whole (CENSORED) idea.
Flaming Burt does nothing but show Burt that he is great at generating hate
mail.
I for one will direct resentment, anger, attention..to the FCC and others..

-Jason N1RWY
"promoting the use of mobile computing and portable packet"
http://www.umecut.maine.edu/~baack

3279. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: wf3h@enter.net
Message-ID: <4opqti$kfi@news.enter.net>
Source record: 200233
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

travisp@ix.netcom.com (Gerald Phillips) wrote:

>I am thinking about buying an MFJ HF tuner (specifically the 300w one
>with dummy load, etc.) Looking on some feedback about them and any
>expereiences (good or bad) folks have had. Also reccomendations on
>other tuners is fine also. Thanks.

>KE4MBD
>Gerald

Dont buy an MFJ tuner, period. They make some fine stuff, but their tuners are trash. I had a 3 KW tuner I bot at a hamfest....has a design defect. The inductor selector switch has chassis mounting bolts VERY close to some of the selector positions. If there is a voltage spike (and EVERY tuner will face this during tuning), the selector switch would arc to the mounting bolt and blow the switch. I bot several replacement switches before i gave up....

3280. CDE Antenna rotor??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: Robert <rcollins@edcen.ehhs.cmich.edu>
Message-ID: <4opshu$ff2@ramp2.tir.com>
Source record: 200234

can any one give me any info on this antenna rotor..manufacture, specifications, comments?? I am getting one from a friend and have no information on the rotor...

thanks in advance..

rob n4yhd

3281. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: Clyde Soles <Clyde_Soles@nile.com>
Message-ID: <31B07472.588C@nile.com>
Source record: 200235

Mark N9SRT wrote:
>
> What exactly are the benefits of SMA as opposed to BNC anyway?
> I have passed up purchases in the past because of the SMA connector.

I was told that the main advantage is the increased water repellency (needed to pass mil-std 810). Same reason it uses a single hole jack.

3282. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <31b0761e.1277106@nntp.ix.netcom.com>
Source record: 200236
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

On Fri, 31 May 1996 04:32:25 GMT, travisp@ix.netcom.com (Gerald
Phillips) wrote:

>I am thinking about buying an MFJ HF tuner (specifically the 300w one
>with dummy load, etc.) Looking on some feedback about them and any
>expereiences (good or bad) folks have had. Also reccomendations on
>other tuners is fine also. Thanks.
>
>KE4MBD
>Gerald
>

My MJF tuner (MFJ-941D) has been in service for over 10 years
with no problems. It has been used to tune numerous different types of
antennae from long-wires to full-wave loops and has done a credible
job.
I opted not get the tuner with a built-in dummy load, my
thinking being that I could use the dummy load at both my operating
position and on my workbench. A separate dummy load does make things
easier.
One note is that I annually clean the contacts, tighten the
hardware and do a general physical inspection. I just consider this
routine maintenance.

73 de N4JVP
Fritz

3283. Netscaped

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <31b03186.1704650@news.innotts.co.uk>
Source record: 200237

These Pages have now been "Netscaped" for
your added delight, but can still be used by any WWW
browser:

http://innotts.co.uk/~asperges/

Updated for June 96: 10,300 visitors this year so far and still
counting....

73 de Jeremy G4NJH

3284. Advice needed on mobil installation in Saturn

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: jcall@sirius.com
Message-ID: <4oq9ca$sve@sun.sirius.com>
Source record: 200238

Has anyone here had experience in putting a 2m mobile rig
into a 1996 or earlier Saturn ? Iwould like to install my
Yaesu FT 2400 mobile which can put out 50 watts and am
concerned about setting off the airbags or doing damage to
the onboard computer electronics on board from stray RF. I
could either use a trunk lid or roof mount antenna. I've talked
to Saturn service people but they have no suggestions or warnings.
I suspect that the ones I've talked to don't have much experience
in this area.
Thanks

Jim Carrington KD6JTY
jcall@sirius.com

3285. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: John Thomas <100553.1214@CompuServe.COM>
Message-ID: <4oq8ue$6br$1@mhadf.production.compuserve.com>
Source record: 200239
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

No....well not yet anyway. You can do the diode mod and open up the tx from 0-200MHz but the section from >60 to 144 it only puts out <1mW qqqqqqQRP!!

I understand that ICOM UK are working on a mod to bring up the 4m side for Tx and this is to be publsihed in HRT soon ?

jim G7NKS

3286. HAL P-38

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: Lionel Booth <lbooth@comm.net>
Message-ID: <31B0AF71.3FC6@comm.net>
Source record: 200240

What is your experience with this TNC?

What software are you running?
Has anyone run the software under Win95?
Has anyone done any software development and with what success?

How much Clover is on the air and where?

How does it perform on Pactor/Amtor/RTTY?

Never seen a thread on this subject. Wonder if anyone has any interest
in the discussion?

N5LB

3287. Help with AT50 antenna tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: jmhilliard@aol.com
Message-ID: <4oqchu$b36@newsbf02.news.aol.com>
Source record: 200241

I need a copy of the alighnment procedures for Kenwoods AT50
tuner that goes on the TS50. Can anyone help with this?

Mark Hilliard, N2HHR
Formally: mark@kodak.com
JMhilliard@aol.com

3288. External DC power on FT-51

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: fbonnet@zen.dedal.fr.net
Message-ID: <A0Ksxoalk5BY087yn@zen.dedal.fr.net>
Source record: 200242

I would like to know how is it possible to connect ext 12 V
to a FT51 without the Yaesu cable :-)

Sorry for my poor english !

73 qro

Francois.

--
Francois Bonnet // HamCall F1ITT >> >> fbonnet@zen.dedal.fr.net
Attention, Dieu est une hypothese. Consommez avec moderation !

3289. 1750 Hz burst tone on a FT-51 R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: fbonnet@zen.dedal.fr.net
Message-ID: <XsKsxoalkJaT087yn@zen.dedal.fr.net>
Source record: 200243

I use a FT-51 R and ADMS 1 and I would like to have a
1750 Hz burst tone on this tx, how is it possible to get this
option ?

Francois.

--
Francois Bonnet // HamCall F1ITT >> >> fbonnet@zen.dedal.fr.net
Attention, Dieu est une hypothese. Consommez avec moderation !-

3290. Help for Guyana

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: ptay@interlog.com
Message-ID: <4oqa4i$b4c@news.interlog.com>
Source record: 200244

I recently returned from a trip to Guyana. People living in the savannahs there generally have no access to communications. Some people there are interested in getting used 144 MHz public service transceivers and setting up a repeater(s) on a mountain. Can anyone help me find equipment sources and info on this subject? The country is very poor, so cellular links and new ham equipment are not an option. Also, I would appreciate finding appropriate sources for technical info and educational material, as the 'information vacuum' in Guyana is almost as great as the lack of capital. Thanks in advance for any help you can give.

Paul Taylor <<ptay@interlog.com>>

3291. Re: Opinions on Ten-Tec 555 Scout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: kerbugh@aol.com
Message-ID: <4oqcll$b4s@newsbf02.news.aol.com>
Source record: 200245

I have the Argo 556, almost the same as the Scout but without the 50 watt final. While I would hardly consider the Scout "inexpensive", if you are planning on using several frequencies I believe it will, in the long run, balance out over the single band (kits). Quality appears very good, not sure if I would throw it into my backpack and take it out into the woods, but it certainly *feels* sturdy enough. According to the Operator's manual:
10A transmit @ 50 watts out
4.5A transmit @ 5 watts out
let me know if you need any more of the technical details, as long as their "in the book" :-) I did have some trouble initally with the power output. A call to Ten-Tec customer service quickly resolved the problem and I recommend the company (or at least their support) highly. You must be careful to FULLY insert the frequency module into the unit (flush with the face). I did not have the module in all the way and it gave some funny power output readings. Once the module was pushed all the way in it worked fine. I hope to use my Argo eventually with solar power, but that is still a little in the future. As I said, the Argo is thebut I must admit I have not had occasion to travel with it yet. Let me know if I can help with anyother info.

73 Alan N3ITF

3292. WTB: Kenwood TS690S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: thomas@ods.ods.net
Message-ID: <4oqg19$j3m@hummin.sol.net>
Source record: 200246

Ken, WF9X, is looking to buy a Kenwood TS690S, preferably with no options, except maybe a CW filter, for around $1000.00.

Call Ken if you have such an item at 414-628-9363. Please, no responses here. Thank you.

3293. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: sscherme@capecod.net
Message-ID: <4oqhn9$fr0@news0-alterdial.uu.net>
Source record: 200247
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

dteague@csc.com (Guy Teague) wrote:

>I support putting Mr. Fisher in Low Earth Orbit.
>--
>Cheers 73 de dteague@csc.com "They're out there" K Kesey
>Guy KG5VT gteague@why.net "Hey don't eat that yellow snow" F Zappa

Much too low. Go for Venus - one way.

73

Skid Schermerhorn - W1TTY http://www.capecod.net/~sscherme/index.htm
East Sandwich http://www.capecod.net/~sscherme/church.htm
Massachusetts 02537 http://www.capecod.net/~sscherme/bookmark.htm

3294. Test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: Mike -- KB9LPJ <lmrikfam@win.bright.net>
Message-ID: <01bb500e.6d6dd7a0$664744ce@imriac>
Source record: 200248

Testing new Microsoft Newsgroupe pgm

3295. JRC JST-245 - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: mzilmer@deltanet.com
Message-ID: <31b09396.8284392@news.deltanet.com>
Source record: 200249

Has anyone in this newsgroup used (or bought) a JRC JST-245?
If so, do you have some opinions on its operation, features, etc.?

I am in the market for one of these whiz-bangers, but wanted some
feedback before taking the plunge.

Thank you in advance for any help.

Matt, WA6EGJ

3296. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: jeffdg@uniserve.com
Message-ID: <4oqjf1$e4j@atlas.uniserve.com>
Source record: 200250
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I HAVE OWNED ONE FOR A BOUT 3-4 YEARS NOW AND ITS
A DANDY . NEVER HAD A PROBLEM WITH IT. I ALSO OWN
A 986 AND IT IS ALSO A GREAT TUNER. ONE KNOB DOES
IT ALL ! HOPE I COULD HELP JEFF
VE7GMXn4jvp@ix.netcom.com (A.G. von Luternow) wrote:

>On Fri, 31 May 1996 04:32:25 GMT, travisp@ix.netcom.com (Gerald
>Phillips) wrote:

>>I am thinking about buying an MFJ HF tuner (specifically the 300w one
>>with dummy load, etc.) Looking on some feedback about them and any
>>expereiences (good or bad) folks have had. Also reccomendations on
>>other tuners is fine also. Thanks.
>>
>>KE4MBD
>>Gerald
>>

> My MJF tuner (MFJ-941D) has been in service for over 10 years
>with no problems. It has been used to tune numerous different types of
>antennae from long-wires to full-wave loops and has done a credible
>job.
> I opted not get the tuner with a built-in dummy load, my
>thinking being that I could use the dummy load at both my operating
>position and on my workbench. A separate dummy load does make things
>easier.
> One note is that I annually clean the contacts, tighten the
>hardware and do a general physical inspection. I just consider this
>routine maintenance.

>73 de N4JVP
>Fritz

3297. Looking for 6 m module for a FT-726R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: assar@rfa.irf.se
Message-ID: <4opcl8$lde@studium.student.umu.se>
Source record: 200251

Hi,
I have just bought a old FT-726R and now i am wondering if any one have a 6 m module or know of some one who have one and can sell it.

Thanks for reading this.

Best regards Assar de SM2LTA
Email assar@irf.se

3298. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B0EF09.336A@ccsnet.com>
Source record: 200252
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment
Body handling: Binary attachment payload not displayed: Spam.jpg

Guy Teague wrote:
>
> I support putting Mr. Fisher in Low Earth Orbit.

Be my guest.

[One or more binary attachments are retained only in the source text.]

3299. Re: Icom W31-a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: jeff <jefco@got.net>
Message-ID: <31B0FA56.3DDD@got.net>
Source record: 200253

Glenn Mead wrote:

snip
> Not sure on this one, but I don't think it does cross band repeat. The reason
> I am not sure is that I have never been in a situation where a cross-band
> repeating ht would be useful, so I've never tried it.

You can. Here's how to do it, courtesy of Gary, Icom America

1. Set up the frequencies you desire to use.
2. Lock the keyboard by pressing Function and C, then turn off the radio.
3. Press and hold the MONI, RPT, and # while turning on the radio.
4. You will now see a flashing ' L ' in the lower right side of the
display. The radio will now be in cross band repeat.
5. To revert to normal operation repeat step 3.

Tried it & it worked fine.

-- jeff, kf6bkg, monitoring

3300. 1976 P. Stark STAR KITS #4B1 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: billr@pinsight.com
Message-ID: <4oqkjg$n5o@jolt.pagesat.net>
Source record: 200254

Have etched circuit board but have no idea what it is for.
Peter Stark posted several articles in 73 magazine using
E-Prom's to do all sorts of jobs. This STAR KITS 4B1
may have something to do with that??
Would appreciate any help. Thanks, Bill

3301. Re: electronic dog collars (fenceless fences)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: jad@nmpoa.com
Message-ID: <jad-0106961138270001@analog-ts9-1.nmsu.edu>
Source record: 200255

In article <4om6mv$r5h@news1.delphi.com>, JSE@delphi.com wrote:

> How do those radio-dog-collar fences work? Are they radio
> controlled? Does outside interference zap the dogs accidentally?
> Does the equipment breakdown easily or often?
>
> (The dog people don't seem to know about electronics,
> but maybe the electronics people know about dogs, eh?)
>
> Thanks!
>
>
>
>
>

I don't have one myself, but one of my friends installed one around his property. He has had no problems with intermod on the collars, but he lives pretty far out of the city, too. I can't imagine they are overly selective receivers, and I'm sure given the right strength/frequency combination, they would be suscpetible to false triggering.

As to the effectiveness, my friend has 5 dogs on his property, 4 won't even wander near the fence any longer (his property is fenced and the wire is buried about a foot inside his fence-line) and the fifth dog shakes it's head but continues on and digs out under the chainlink fence while being "zapped."

Guess in his case that's 80% effective. Are you in an area that prohibits an electrified wire around your property? I put up a "Fido-shock" brand electric fence, no chance of false triggering and my dog hasn't left the back yard since. Took him two "zaps" to get the idea. After about 2 weeks, I unplugged the power supply and haven't plugged it in again. I have a five year old boy, and he doesn't mess with "the wire" because we told him it was electric. Even if he did, it's not plugged in anymore. Good luck with whatever you choose.

--
J.D.

Wear your vest...live to tell one hell of a story.

3302. Re: TS850AT CONTROL NEED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <DsAplu.C85@mv.mv.com>
Source record: 200346

Try
www.synapse.net/~kentrol

Richard Lubash
N1VXW
email rlubash@poco.mv.com

3303. Request Help: Kenwood TM241A malfunction

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: vertigo@whidbey.net
Message-ID: <4oo8sq$pu@news.whidbey.com>
Source record: 200347

The above radio began to fail transmitting from time to time. Now it doesn't ever transmit.
Can anyone suggest likely fixes?
Any help would be greatly appreciated.

Jim Martyn
vertigo@whidbey.net
fax: (360)678-4239

3304. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: donmixon@earthlink.net
Message-ID: <4oo76g$iuc@uruguay.it.earthlink.net>
Source record: 200348
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

travisp@ix.netcom.com (Gerald Phillips) wrote:

>I am thinking about buying an MFJ HF tuner (specifically the 300w one
>with dummy load, etc.) Looking on some feedback about them and any
>expereiences (good or bad) folks have had. Also reccomendations on
>other tuners is fine also. Thanks.

>KE4MBD
>Gerald

I'VE BEEN USEING THE "MFJ DELUXE VERSA TUNER 2" FOR ABOUT 1 YEAR WITH
NO PROBLEMS...I BOUGHT IT USED AND IT WORKS GREAT..WISH IT HAD THE
DUMMY LOAD IN IT.THAT WOULD BE A NICE FEATURE...

KE4LUH DE DON
donmixon@earthlink.net

3305. Looking for a good starter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: chaos@crack.antioch.edu
Message-ID: <4oo80p$ob6@college.antioch.edu>
Source record: 200349

I'm looking for a all around good 2 meter rig. I travel alot on the highway and move from town to town about every three months. Its a weird job (long story). I'm just getting into the Ham radio scene and am looking to buy a radio. Any ideas? I not looking for something that will be under powered or dated by the time I get the hang of it.

Please send e-mail since my providers news feed not working right.
chaos@college.antioch.edu

Thanks
Yazz Atlas

--
==========
#######/ ##/ ##/ ########/ ########/ ########/ ,it happens...
##/ ##/ ##/ ##/ ##/ ##/ ##/ ##/ This Msgs was brought to
##/ ########/ ########/ ##/ ##/ ########/ you by the letter 'C' and
##/ ##/ ##/ ##/ ##/ ##/ ##/ ##/ the number '42'.
#######/ ##/ ##/ ##/ ##/ ########/ ########/ chaos@crack.antioch.edu

3306. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: n3ab@prolog.net
Message-ID: <31afa72e.1624326@news.prolog.net>
Source record: 200350
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

On 31 May 1996 12:06:01 -0700, CrACKeD <cracked@primenet.com> wrote:

>Guy Teague <dteague@csc.com> wrote:
>: I support putting Mr. Fisher in Low Earth Orbit.
>
>I second the motion. Apparently Mr. Fisher has not been involved in the
>public service side of amateur radio.
>
Why put Mr. Fisher in Low Earth Orbit? His "mind" is already in outer
space.

3307. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <4oobqt$11ue@useneta1.news.prodigy.com>
Source record: 200351

>Actually, Yaesu is using two different kinds of SMA connectors on their
>HTs, the one on the FT10/40 and the one on the FT50R. I believe that
the
>Standard antenna will work on the FT50, but not on the FT10/40.
>That is correct....

3308. Re: Antenna Installation in Corvette

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4oocjn$35n@news.fwi.com>
Source record: 200352

In <4njg6d$il8@news.xmission.com>, ac@xmission.com (Alan Cranney) writes:
>I recently purchased a '91 Vette and now have a dilema...where to mount an
>antenna. I have a Kenwood TM732A dual band that I would like to install. The
>car in fiberglass. I understand the window mount dual band antenna has
>problems staying on the glass. I really don't want to drill a hole
>but....maybe I will. I would really like to find a less aggressive mount. If
>you have any ideas please let me know. My e-mail address is ac@xmission.com.
>Thanks for your input.
>
>de KA7RZR

Al,
You might try General Motors (Seriously) they have a group of guys (hams) that have done some very nice work on various vehicles. They were at Dayton two years ago, and have literature/publication on slick tricks. I use a glass mount on my vintage '66 GTO (no holes in that dude) and have not had a problem.

Jim WD9AHF

3309. Re: Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4oodd5$35n@news.fwi.com>
Source record: 200353

In <4noghp$oev@crl14.crl.com>, klausner@crl.com (Ben Klausner) writes:
> Has anyone ever done any impartial performance comparisons on various
> rubber ducky antennas? Specifically for 2M and 70CM.
>
> I look at things like the "Miracle Baby", and have to agree with the guy at
> the Ham Store that "Baby, it would be a miracle if it worked." At least
> that's the intuitive response looking at it.
>
> Anyone have hard facts on this and some of the others?
>
>--
>---
>Ben Klausner, N5DJL | "Beware of bugs in the above code;
>klausner@crl.com | I have only proved it correct,
>Austin, TX | not tried it." -- Donald Knuth

Hi Ben,
I use a Larsen dual band duck and have been real happy with it. For the heck of it, latch onto a VHF/UHF SWR meter and put inline with your duck. You wonder how they work at all! The Larson actually gave me a reading below 2.0 to 1. The HT (TH77) ran much cooler with the Larson vs the Kenwood original.

73's WD9AHF

3310. Re: Schematic for Alinco DJ-162

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: William Kresl <wmkresl@mail.townsquare.net>
Message-ID: <4oo7o4$dkc@tribune.concentric.net>
Source record: 200354

Alinco will sell you the whole service manual for $10. Hard to beat cuz
if you need to order replacement parts, you need there part numbers.
The 162 is a great little radio!

Wm Kresl
WB9BBC

3311. RE: IC-245

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb4f67.9fbe5f60$64101dcc@gfiber.halcyon.com>
Source record: 200355

On Wednesday, May 29, 1996, Melvin Seyle wrote...
> I just purchased an IC-245 that I knew in advance had problems. It was
> really inexpensive, so I thought it was worth taking a chance. Does
> anyone out there have an instruction and service manual that I could
> buy or copy?
>
> Thanks.
>
> Mel Seyle
> WA3KZR
>
Mel,

There never was a service manual printed for the IC-245 radio. Malcom Technical Support in Colville, Wa is best on that radio for repairs also real reasonable.

Gary

3312. RE: IC-245 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb4f68.2bb38900$64101dcc@gfiber.halcyon.com>
Source record: 200356

On Thursday, May 30, 1996, "Anthony R. Gold" wrote...
> In article <4oj2ha$gnu@bolivia.it.earthlink.net>
> hepc@earthlink.net "Todd Owen" writes:
>
> > Icom didn't make a IC-245 service manual.
>
> I beg to differ. Icome did publish a single service manual which
> covered all of the IC-245A/E/H models.
>
> Regards,
> --
> Tony - G3SKR / AA2PM email: tgold@panix.com
>
tgold@microvst.demon.co.uk
> packet:
g3skr@n0ary.#nocal.ca.usa.na
>You are not correct. ICOM only ever published a owners manual and
schematic for the IC-245. Unless ICOM UK printed their own, ICOM, Inc
never published anything beyond the factory engineering manual\which has
service information in Japanese and it not available to the public.
Send e-mail to me and i will tell how I know.

Gary

3313. Re: Heil Pro headsets?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4ooe42$35n@news.fwi.com>
Source record: 200357

In <4o6u8p$1af0@usenetz1.news.prodigy.com>, FSWF37A@prodigy.com (James Brannigan) writes:
>Any opinions on the Heil Pro Headset?
> Likes and dislikes, is it worth the money?
>Any preference on the mic elements. I Dx and contest, but dislike harsh
>audio.
>Thanks for you input
>
>73, Jim
>
Jim,
It's one of the nicest treats to do for your rig, and yourself. I love mine. High Quality good stuff! I have a voice about 3 octaves below gravel gerty (maybe before your time) and I use the DX HC-4 element. I get quite a few excellent audio reports off of both the TS-450SAT and the TS-850SAT. The DX element has a lot of drive so you can speak in a very normal voice with terrific results. Do it!
Jim WD9AHF

3314. RE: Modes for the ICOM 281H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <01bb4f68.69615480$64101dcc@gfiber.halcyon.com>
Source record: 200358

On Thursday, May 30, 1996, Larry wrote...
> Hey, anyone know how to open up the receive to at least get the NOAA WX?
>
> Larry, KE8GW
>
> PS, TNX for any help
> --
Remove W6 on logic board to open the receiver.

Gary

3315. Dentron Parts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4ooerd$35n@news.fwi.com>
Source record: 200359

Hi,
Is there a source for Dentron parts? Specifically, I'm looking for a bandswitch
for a Clipperton-L. Thank you. es 73

Jim WD9AHF

3316. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4oofr7$mn5@newsbf02.news.aol.com>
Source record: 200360

What exactly are the benefits of SMA as opposed to BNC anyway?
I have passed up purchases in the past because of the SMA connector.

3317. Re: Mobile Noise Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-01 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4oodji$11mg@chnews.ch.intel.com>
Source record: 200361
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4oic8d$gcc@newsroom.hitc.com>,
Chris Smith, NR3O <csmith1@ccgate.hac.com> wrote:

>I get a rushing hash (like white noise) only when the engine is under load.
>It is enough to wipe-out weaker stations, but not those louder ones.
>I throw in the clutch and it goes away, even if I then race the engine
>(leads me to think it's not ignition, but some sender unit--perhaps
>fuel injection electronics radiate only under load?).

Hi Chris, I have begun to suspect the ABS system is causing a
similiar problem in my S10. Does anybody know if the clutch
position is sensed by the ABS?

73, Cecil, KG7BK, OOTC (not speaking for my employer)

3318. Re: FCC Public Notice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4oqfa7$3uj@shore.shore.net>
Source record: 200256

hturn@pelican.davlin.net (Hank Turner) wrote:
[Previous text deleted...]
> I know of no ham that uses an RCI made radio on ten.

>Hank
>KC5FLJ

Hank, I'm one who doesn't use an RCI made radio on ten. I've never
even used an RCI made radio. :)

==========
cheers! jim martin, wk1v
lowell, mass
http://www.shore.net/~jjmartin/jjm.htm

3319. Mics with new rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: res@cmprime.cis.att.com
Message-ID: <4oqs6s$l78@anchor.cis.att.com>
Source record: 200257

I bought a new IC 736 HF rig in Dayton 2 wks ago and found when I got home that there was no hand mic packed with it. In all other respects it is perfect. The owners manual says there is one packed with it and Icom brochures (although printed a few years ago) say a mic is included.

I contacted the dealer today and he told me Icom doesn't include them any more with high end rigs - that they expect users will buy desk mics anyway. Makes sense to me, but I still felt cheated. He gave me a new mic in a box, no charge.

Has anyone else experienced this same thing? Of course I expect to check with Icom next week to verify but I wonder what the net thinks.

Rick KT2Q

3320. ARC-190 Antenna Tuner Info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: drhydro@aol.com
Message-ID: <4or4dn$j0q@newsbf02.news.aol.com>
Source record: 200258

I picked up an antenna tuner, CU-2275(V)2/ARC-190, at the Boston MIT swap last weekend- anyone know what it'll handle, and where I can find documentation? All I know is that the ARC-190 is a Collins HF aircraft SSB set, 2-30 MHz, about 400 watts. I wanna make it play.

Please email me at <drhydro@ames.net>

--
Paul Nelson KB0WOV "When I go, I want to go quietly, in my
Ames, IA sleep, like my grandfather....not

screaming, like his
passengers."
(DrHydro@ames.net)

3321. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: cdlevin@kd4zkw.shadow.net
Message-ID: <slrn4r27d5.262.cdlevin@kd4zkw.shadow.net>
Source record: 200259
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

On 31 May 1996 17:20:01 GMT, Mike Stansberry <jms@col.hp.com> wrote:
>Burt Fisher (k1oik@ccsnet.com) wrote:
>: today 99% of the public would be unaffected. Even most hams
>: would be unaffected as they are either dead, should be dead, or
>: inactive.

We should be dead ? Is that the idea of this all ? Hey, I got a great idea, why don't we do whatever we want on the airwaves, because as soon as someone says money, they can do whatever they want to, right ? Rumor has it that one of the biggest supporters of LEO is Bill Gates of MS, although I really don't know why he'd be interested. Every day I'm seeing more and more that supports the total " assholiness " of the plastic generation. I suppose if they had it their way, we'd all just be able to bend over and kiss their asses on request. Because hey, they're some really good guys, and one look at us will tell you how bad we suck.

Have they ever done anything on their own, original, or is this another attempt at crass commercialization of someone else's good idea? We're just curious, because we don't really have anything to lose anymore. See, they came and ripped us off before they put the bid in, and I'd worry about that statement, if there wasn't ample proof. Seems maybe they are interested in us, after all. God help the clueless.

>
>Don't buy into Burt's flame. He lives to do this sort of thing.
>
>Mike
>
He lives ?

--

____
Curtis D. Levin kd4zkw	Team Os/2	kd4zkw.ampr.org [44.98.2.22]
cdlevin@shadow.net ~~~~~~~~~~~~	kd4zkw@amsat.org
http://www.shadow.net/~cdlevin	kd4zkw@ae4ej.#MIAFL.FL.USA.NOAM
~~~~~~
-- Running Os/2 Warp 3.0 -- Linux 1.3.20 --
~~~~~~

3322. Re: Heil Pro headsets?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: shed@n-jcenter.com
Message-ID: <4or697$9n5@news.gdi.net>
Source record: 200260

FSWF37A@prodigy.com (James Brannigan) wrote:

>Any opinions on the Heil Pro Headset?
> Likes and dislikes, is it worth the money?
>Any preference on the mic elements. I Dx and contest, but dislike harsh
>audio.
>Thanks for you input

>73, Jim

Hi Jim,

I could write all night on the pros and cons of the Heil products. I contest, and do fairly well. I was #6 in N. America in last years Nov SS phone (Low power). Heil makes a very good mic element. I think they should have stuck to that. The president of Heil has a background in broadcast audio, and he has made a fine product. However, in an attempt to make lots more money, he branched out into the "headphone" arena to fill a needed void. Face it, there aren't may companies offering good quality boomsets for serious ham radio operating. The headset arena is where Heil falls way short of the mark. (Don't get me wrong, I own two and have owned three). Lots and lots of people have plugged the BM-10 and the new proset into thier high end ham gear and have noticed that the headphone audio doesn't quite sound right. It kinda sounds like someone has shoved cotton balls into the speaker elements. Heil says the problem is with your radio. Mr. Heil thinks we are all idiots and don't know how to run an audio gain control. In one of his newsletters he writes that if hams aren't getting enough audio into the headset, they should plug the headphone into the external speaker jack on the back of the radio. I was so pissed at this that I launched a personal investigation and found out what the problem really is. Impedence. It's quite simple. Your headphone output on the radio is around 8 ohms, the Heil headset (and this varies between models) is nowhere close to 8 ohms. That is why the audio is shitty. The hams that don't notice this aren't professional operators or have never had the joy of listening to a high end 8-ohm headphone (Kenwood, Icom, etc) plugged into their rigs. Mr. Heil doesn't care about the impedence mismatch, he just wants to sell headphones and he will give you all this bullshit about the "test radios" he has that have worked just fine with his product. The truth of the matter is that his headphones suck, and his mic elements are the finest there is. My Proset was so bad on my FT-1000D that I got rid of it. I got the proset micro. It has the same mic element of course (nice, wonderful, crystal clear) and the audio coming out of the headphones is "alright." A dramatic improvment over the standard

Proset, but not as good as Kenwood or Icom ham radio headphones. A source close to the company has told me that the imp. of the proset micro is closer to the mark.

Heil has made improvements in the overall product since the BM-10. The BM-10 with its three long strands of kinky wire was a nightmare. I'm surprised that more operators haven't accidently hung themselves while operating.

In short, this company has a long way to go before they come up with a product that they can be proud of, except for thier mic elements.

John N4EEB

3323. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: shed@n-jcenter.com
Message-ID: <4or6t6$9qi@news.gdi.net>
Source record: 200261
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>Clearly almost anyone can better use ham frequencies than hams can.
>Have you listened to the important conversations plus contests
>and useless traffic on ham bands. If the FCC wiped out ham radio
>today 99% of the public would be unaffected. Even most hams
>would be unaffected as they are either dead, should be dead, or
>inactive.

>I think I will write my congressIT.

>
>#===============#==#| Burt Fisher |
Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | If you sit on the fence, it is a pain in the butt |
>#===============#==#|
k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
>#===#

I think your article is flame bate. If you truly belive what you just
wrote, you are moron. If you were just trying to be "cute" you should
clarify in a followup article before your peers realize you are a
moron too.

Nothing personal.

John N4EEB

3324. FS: Yaesu FT-708 440 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: n3usqn3usq@aol.com
Message-ID: <4orlpc$p55@newsbf02.news.aol.com>
Source record: 200262

FOR SALE: Yaesu FT-708 HT, 440 band, leather case, two antennas (stuby duck & rubber duck), headset (earphone & boom mike), SB-1 headset switch, wall charger, new NiCad battery. Has 10 memories, scan, DTMF pad. $125.00, I ship.

73 de Jeff, WK3U

3325. FT-51 Modification for 800 MHZ as well

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: ronen@netmanage.co.IL
Message-ID: <Chameleon.4.00.6.960602120205.ronen@ronen.netmanage.co.il>
Source record: 200263

Hello All

Following is a Instructions for the FT-51R Modif for Out of Band As well as 800 MHZ

1) Jumpers 1 and 3-7 have to be opened and Jumper No 2 have to be closed
(for eropean models jumper No 4 have to be closed as well)(closed = Jumpered)

2) Turn on the radio While you simultanuesly pressing the up two volume Buttones
(Volume Up and Volume Down) and the call button.

3) Press F (function for more then One Second)

4) adjust the Display With the up or Down arrows) to see Band 7 , When done
Press F and afterword Call buttones.

5) Turn Off the Radio

6) Turn it on While you press simultanuesly the up and down Arrows

7) Repeate steps 2 to 6 twice per every VCO (Every Band).

After the Modifications are done , the Radio will receive (show in the Display)
50-999 MHZ for VHF
60-999 MHZ for UHF
and (supprise) 800-999 As well...
Note , The radio I have done it Did NOT receive anything on the 800MHZ , which lead
to a suspect that the radio have NO RF Unit for 800 MHZ , But another radio ,
(the one I got the modification from) Receive very well the 800 MHZ

Good Luck
Ronen - 4Z4ZQ

E-mail 4z4zq@4z4zq.ampr.org
Or ronen@netmanage.co.il

3326. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B16DCD.2069@ccsnet.com>
Source record: 200264
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Mike Stansberry wrote:

> Don't buy into Burt's flame. He lives to do this sort of thing.

Even it that were true. It better than saying HIHI and calling
CQ Contest

--
#================#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#================#===#| k1oik@ccsnet.com
fisher@meol.mass.edu MAC is 5% of the market |
#===#

3327. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B16E0D.D1F@ccsnet.com>
Source record: 200265
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

```
CrACKeD wrote:
>
> Guy Teague <dteague@csc.com> wrote:
> : I support putting Mr. Fisher in Low Earth Orbit.
>
> I second the motion. Apparently Mr. Fisher has not been involved in the
> public service side of amateur radio.

I have indeed.
Public service, for the most part, in ham radio is a joke.

#===============#=======================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#===============#=======================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
#=====================================================================#
```

3328. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B16E50.3E0B@ccsnet.com>
Source record: 200266
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Dave Booth wrote:

> Burt grow up and rip up your licence!!!!!!
> you must not be a ham.. just a pig.!!!!!

No a pig is a contester or a welfare woman

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
#=============================================================================#
```

There are those that the following applies:
Why is it that if you disagree with what I have to say, you feel
compelled to call my employer? Do it if you must but you better be good
at it. If you do not kill the king, the king will kill you.

3329. Re: FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: bblavat@mailhost.net
Message-ID: <31b17e94.1090669@news.icanect.net>
Source record: 200267

>To all !
>> Hello...I just got the FT-50R at Dayton also...I think I got the buy
>>of the day...Love the Radio..Nice features. Nice size too!
>>Looking for Mods to open it up...Appreciate any help... I have read in this
>>news group about itscapablities...or what can be expected..We hope... and I
>>am Interested in the Optional keypad ...to see if it is worth buying...
>>
>>Thanks to all...I get lots of Great info from these postings...

ftp://oak.oakland.edu/pub/hamradio/mods/yaesu/ is the place to look
for mods.

Could you tell us what the great price is on the FT-50R, also can
someone give a comparison, between the mini dual banders? Which are
the ones to look? Do any have duplex capacities? How about
reliability? Thanks,
With good thoughts,
Ben Blavat, bblavat@icanect.net

3330. Re: Yaesu T-1000MP gen coverage tranmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Dave Norton <dave@diecast.demon.co.uk>
Message-ID: <KTiQcBAS$XsxEwNq@foobar.co.uk>
Source record: 200268

In article <4ojv38$g66@roch.zetnet.co.uk>, Sir Barry Duxbury
<bduxbury@zetnet.co.uk> writes
>Dave, Again many thanks for your interpretation of the level 9 menu.
>What you say seems to make good sense. By the way, I am very pleased
>with the rig... I've had it since December and used it in all modes except FM.
>
>Regards ... Barry

Ok Barry

I am also very pleased with the rig. I found it slightly complex at
first and took a while to get used to finding the best rx settings but I
came down to earth with a complete thud, when I was in Ireland last
weekend and set up a station with my ts50. I couldn't believe that the
noise in the headphones on 40 & 80 m was so bad. The FT1000mp really
does make listening a lot easier. I have had no problems except for
trying to to choose how the tx audio should sound, with up to 30 odd
combinations i'm spoiled really. I have finaly chosen to leave the tx
dsp off, and use an electrecet insert in a stereo headset/boom thing
that I got from maplins. The rf speech processor was strange to me at
first, but it I can see the better side of it now as its a lot easier to
adjust the the audio types i have had on previous rigs. The rx dsp is
always on, and the auto notch is on 95% of the time. It a lovely radio,
I am very very pleased with it.

Cheers

Dave G0UHI from Leicester

Leicester City F.C. Now in the Premier League
Dave Norton g0uhi@khn.foobar.co.uk
100523.3154@compuserve.com

3331. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: trandall@mhv.net
Message-ID: <4os1h9$i57@news.mhv.net>
Source record: 200269
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <4opopa$nos@sol.caps.maine.edu>, baack@monet.umecut.maine.edu (Jason Baack) wrote:

>Lets take the negative energy generated here and use it to write to those
>who thought up this whole (CENSORED) idea.
> Flaming Burt does nothing but show Burt that he is great at generating hate
>mail.
>I for one will direct resentment, anger, attention..to the FCC and others..
>

Good Idea, but let's make sure the letters sent are logical and not
flames. Be curtious and state your case NICELY. Blasting them will only hurt
our cause. Stressing the possitive aspects of the bands.

Tom - KB2SMS

Tom Randall Amateur Radio - KB2SMS
trandall@mhv.net Mt. Beacon Amateur Radio Club / ARRL
Member: AAVSO Solar Division

Opinions herein are mine and may not be that of MHV.NET!

3332. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4os2j1$794@lehi.kuentos.guam.net>
Source record: 200270
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

travisp@ix.netcom.com (Gerald Phillips) wrote:

>>I am thinking about buying an MFJ HF tuner (specifically the 300w one
>>with dummy load, etc.) Looking on some feedback about them and any
>>expereiences (good or bad) folks have had. Also reccomendations on
>>other tuners is fine also. Thanks.

>>KE4MBD
>>Gerald

I purchased the '3 KW' Differential T-Tuner. Took me
about two days before the roller inductor melted into
a pile of goo.

But MFJ's service is as good as thier product - after a long
international telephone call I convinced them to send me a
new roller inductor instead of sending back the tuner and they
did - in a nice white box with 'REJECT' written in red on the
outside of the box. The 'new' roller was so warped it wouldn't
roll.

In my opinion, they live up to thier name - Mighty Fine Junk.

73, Jim KH2D

3333. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4os6e4$17ds@mule1.mindspring.com>
Source record: 200271
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

```
In article <31AEC025.6EB1@ccsnet.com>, k1oik@ccsnet.com says...
=
=Clearly almost anyone can better use ham frequencies than hams can.
=Have you listened to the important conversations plus contests
=and useless traffic on ham bands. If the FCC wiped out ham radio
=today 99% of the public would be unaffected. Even most hams
=would be unaffected as they are either dead, should be dead, or
=inactive.
=
=I think I will write my congressIT.
=
=
=#===============#=========================================================#|
Burt Fisher | Teacher of video, broadcasting and electronics
=| Amateur call | South Dennis, Ma. (Cape Cod) |
=| K1OIK | If you sit on the fence, it is a pain in the butt |
=#===============#=========================================================#|
k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the marke
=#=====================================================================#

Good luck K1 OINK!
```

3334. Re: Another Ramsey kit to avoid

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4osb3s$hgo@crash.microserve.net>
Source record: 200272
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

n1ist@netcom.com (Michael L. Ardai) wrote:

>The ad doesn't mention any other part of the circuit either...
>What I expected was a kit that, when built according to their
>instructions, would be legal to use. This kit does NOT meet FCC
>harmonics requirements, and transmits on frequencies that ARE NOT
>licensed for this purpose (FM broadcast band, aircraft band, etc.)
>while also transmitting on the intended frequency. The filter
>should have been included as part of a decent (or just legal) design.

I have to agree with this. The description of the kit should
mention the need to add external filtering. What they're selling
is a kit to build a comb generator, not a transmitter.

Also, price is irrelevant unless one assumes that cheap pricing
entitles a manufacturer to use deceptive practices to sell their
product.

73,
Jack WB3U

3335. SAVE THE 144 & 440 HAM BANDS!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <31B1B252.3B9D@dfw.net>
Source record: 200273
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

--
David Mclean
From The Land of The Hams
KC5NNV is Clear!

[Dfw-Hams]
http://www.dfw.net/~dmclean

*****ARRL NEW ENGLAND DIVISION SPECIAL BULLETIN 96-9A*****

QST to all Amateurs

May, 1996

Strafford, VT

NEW ENGLAND DIVISION DIRECTOR NEW ENGLAND DIVISION VICE DIRECTOR
Bill Burden WB1BRE Warren Rothberg WB1HBB
wb1bre@arrl.org wb1hbb@arrl.org

********** 2 Meter AND 70 cm BANDS THREATENED **********

THIS IS NO JOKE!! ARRL HAS LEARNED THAT IN PREPARATION FOR THE
WORLD RADIO CONFERENCE IN 1997, REPRESENTATIVES OF THE LOW-EARTH-ORBIT
(LEO) INDUSTRY PROPOSED A LIST OF CANDIDATE FREQUENCY BANDS FOR
REALLOCATION TO, AND EXCLUSIVE USE OF THE MOBILE SATELLITE SERVICE. THIS
LIST INCLUDES 144- 148 MHZ (THE CURRENT AMATEUR 2 M BAND) AND 420-450 MHZ (THE
CURRENT AMATEUR 70 CM BAND)!
IF THIS EFFORT WERE TO BE SUCCESSFUL, IT WOULD MEAN THE END OF
AMATEUR OPERATIONS ON THESE TWO MOST HEAVILY UTILIZED AMATEUR VHF/UHF
BANDS!

I have included the text of Dave Sumner's upcoming editorial for
July QST in this bulletin. ARRL, as the principal representative of
Amateur Radio in Washington, is actively pursuing this issue as this
bulletin is being written. Dave's call to action is serious!! We could lose these bands if
we do not take action now!!
Club presidents and newsletter editors: please make this
information available to your membership as soon as possible.

Follows the text of Dave Sumner's July QST editorial:

WRITE NOW!!!!

Get out a pen and paper, or boot up your computer. There's work to
be done! Your help is needed to defend two meters and 70 cm. Yes,
that's right -- the two most popular and crowded amateur VHF/UHF bands!
But don't panic, and don't "go ballistic."
Here's what's happening, and what you can do about it.
The United States is preparing for the 1997 ITU World
Radiocommunication Conference, WRC-97. In the past, the public has been
able to participate in the preparations for such conferences by
responding to FCC Notices of Inquiry. In March, the FCC announced a
streamlining of its International Bureau's preparatory processes for WRCs.
Under the new scheme, the NOIs have been eliminated in favor of increased
emphasis on WRC Advisory Committees.
For WRC-97, a series of Informal Working Groups (IWGs) of the
Advisory Committee has been created to address specific agenda items.
The output of each IWG will go directly to a joint FCC-NTIA-Department of
State Steering Committee of the Advisory Committee. There, draft
proposals as received from the IWGs will be reviewed and forwarded to the
FCC for possible release as preliminary U.S. proposals for public
comment.
In announcing the streamlined WRC preparatory process, the FCC tried
to reassure those who might be concerned about reduced opportunities for
public participation: "Interested parties should note that input to the
Advisory Committee may be sent at any time directly to the Chair of the
WRC-97 Advisory Committee; the Chairs of the Advisory Committee's
Informal Working Groups; Cecily C. Holiday, the FCC's federal officer
of the WRC-97 Advisory Committee,on C. Ladson, the alternate
federal officer."
Hold that thought while we shift gears to the substance of the
issue.
One of the WRC-97 agenda items includes consideration of possible
additional frequency allocations for the mobile- satellite service.
So-called "little LEOs," low-earth orbit satellites below 1 GHz, already
have allocations. Their proponents claim these are inadequate and are
trying for more. The needs of little LEOs are being addressed in IWG-
2A, chaired by Warren Richards of the Department of State. The ARRL
technical relations staff participates in IWG-2A to represent Amateur
Radio interests.
At the May 7 IWG-2A meeting, an industry representative proposed a
list of "candidate bands" for little LEOs. The list includes a number of
bands that would negatively impact existing services, and does not
include others that would be technically
more feasible but to which strong objection from incumbents could be
expected -- the point being
that some political, rather than purely technical, judgment already has
influenced the list.
Incredibly, 144-148 and 420-450 MHz were included on the list! This
is the first time in memory that another service has been proposed for

the two-meter amateur band. We must make sure it is also the last time. We do not need to explain to ARRL members the extensive use that is made of these bands by amateurs. The two bands provide the backbone of our local public service communications effort. Voice and data, mobile and fixed, even television -- the list of present amateur uses is a long one, and of future uses is even longer. Both are already used for satellite services and for moonbounce and extended-range terrestrial operations requiring extremely sensitive receivers and high levels of effective radiated power.

Apparently we did need to explain all this to the little LEO industry representatives, so we did just that -- both at the meeting and iup letter on May 15. We also explained that we had to regard the matter as extremely serious. No one with the slightest background in radiocommunication could possibly believe that a mobile- satellite service could be introduced into either band without disrupting existing and future amateur operations. Therefore, we said, if we did not receive assurance that they would be taken off the list of candidate bands by the deadline for this issue of QST, we would have no choice but to bring the matter to the attention of the entire membership.

The response we received was unsatisfactory. In effect, we were told the little LEO industry would consider our views but that until their spectrum needs are satisfied, all bands must remain under consideration.

So, this is a call to action. We must get across to the industry and government participants in IWG-2A that the 144- 148 MHz and 420-450 MHz bands cannot be considered as candidates for mobile-satellite services. We need to drive the point home so forcefully, with so many grassroots responses, that no one is ever tempted to try this again.

Which brings us back to that invitation for "interested parties" to send input "at any time." There's no time like the present! Here are the key addresses, including those of the mobile-satellite industry folks who seem to have started the ruckus:

Cecily C. Holiday, International Bureau, FCC, Washington, DC 20554; choliday@fcc.gov; FAX (202) 418-0748.

Warren G. Richards, Chair, IWG-2A, Department of State, CIP 2529, Washington, DC 20520; richardswg@ms6820wpoa.us-state.gov; FAX (202) 647-7407.

Tracey Weisler, FCC Rep., IWG-2A, International Bureau, FCC, Washington, DC 20554; tweisler@fcc.gov; FAX (202) 418-2824.

Mary Kay Williams, Final Analysis, Inc., 7500 Greenway Center, Ste. 1240, Greenbelt, MD 20770; FAX (301) 474-3228.

Leslie Taylor, LTA, 6800 Carlynn Court, Bethesda, MD 20817; ltaylor@lta.com; FAX (301) 229-3148.

Do comment. But be civil. Don't abuse people who are simply doing their jobs. We have to get across that casting covetous eyes on amateur bands is counterproductive, and contrary to the public interest. To accomplish this we need a lot of comments, including yours. But remember that the objective is to educate and persuade, not to intimidate. We don't need to. The facts are on our side.

To monitor the FCC's ongoing WRC-97 preparations, visit its WRC-97
home page at: http://www.fcc.gov/ib/wrc97/.
Write now. Right now! -- David Sumner, K1ZZ

Distribution:

To: INTERNET:ARRL-NEDIV-LIST@NETCOM.COM INTERNET:BARC-LIST@NETCOM.COM
INTERNET:EMA-ARRL@NETCOM.COM INTERNET:FIELDORG-L@NETCOM.COM
INTERNET:W1AW-LIST@NETCOM.COM

E-mail from: Don KA0JLF & Cris N0XZB, 29-May-1996

!^NavFont01F0007RGHHd77C611

3336. FS: YAESU FT2700RH

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: ron@bugie.demon.co.uk
Message-ID: <833732376.28646.0@bugie.demon.co.uk>
Source record: 200274

Yaesu FT2700RH Transiever 3/25 Watt Mobile. {2/70cms} Duel Bander}
Small compact unit, ideal for modern { no space} vehicle.
Original Packing Box and instruction manual.

3337. R/S DSP-40 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: rhiii@pop.erols.com
Message-ID: <31b1cbb0.9197301@news.erols.com>
Source record: 200275
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital

Hello All:

Picked up a Radio Shack digital signal processor on
sale $34. Has anyone found a way to modify this dsp so that
in the CW mode the passband is shifted up in freq to be
usuable with fsk (rtty, pactor, etc.) modes.

Shack does not supply a schematic with the unit.

---Richard/NT2Z

3338. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4oshq1$jri@crash.microserve.net>
Source record: 200276
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

>I purchased the '3 KW' Differential T-Tuner. Took me
>about two days before the roller inductor melted into
>a pile of goo.

This is a *very* common problem, even at moderate power levels.
All these tuners will be junk once they're out of warranty.

73,
Jack WB3U

3339. Re: Mobile Noise Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4oshpg$jri@crash.microserve.net>
Source record: 200277
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

cmoore@vegas.ch.intel.com (Cecil A. Moore~) wrote:
>Chris Smith, NR3O <csmith1@ccgate.hac.com> wrote:

>>I get a rushing hash (like white noise) only when the engine
>>is under load. It is enough to wipe-out weaker stations, but
>>not those louder ones. I throw in the clutch and it goes away,
>>even if I then race the engine (leads me to think it's not
>>ignition, but some sender unit--perhaps fuel injection
>>electronics radiate only under load?).

>Hi Chris, I have begun to suspect the ABS system is causing a
>similiar problem in my S10. Does anybody know if the clutch
>position is sensed by the ABS?

I don't know much about ABS, but I do seem to remember something
about fuel injection that has to do with the way some systems
meter intake airflow. If I'm not mistaken, they use a heated
wire at the input to the metering unit, and airflow is determined
by measuring the current change through the wire. As more air
flows, the wire becomes cooler and more current flows. This is
computed in conjunction with ambient air temperature and other
factors in order to arrive at instantaneous calculations of
airflow. Also, if I'm correct about the system, this particular
function is cut off during idle, at which time radiation from the
metering unit decreases. It's possible this might also be linked
to the clutch, as airflow metering is not so critical at no load,
even when the airflow valve is opened to accelerate the engine.

Perhaps someone more knowledgable with current designs will know
whether this system is still in use, and whether I'm correct
about the way it works.

73,
Jack WB3U

3340. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B1D0F0.4AF@ccsnet.com>
Source record: 200278
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Alex Evonosky wrote:

> ignorance! just pure stupidity..I can't believe YOU even announced
> your call sign on here!
> Alex-kb4lbx

I am supposed to fair the greatest bunch of wimps of all time?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	If you sit on the fence, it is a pain in the butt
#================#===#
| k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
#===#

3341. What ham wives really think.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B1D199.7FF@ccsnet.com>
Source record: 200279
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

The following really is the view of the typical ham wife.
The reason they are that way has to do with the way the ham is.

The following is a reprint from The Madison Institute Newsletter,
Fall Issue, 1894:
====
INSTRUCTION AND ADVICE FOR THE YOUNG BRIDE
On the Conduct and Procedure of the
Intimate and Personal Relationships
of the Marriage State for the
Greater Spiritual Sanctity of this
Blessed Sacrament and the Glory of God
by
Ruth Smythers beloved wife of
The Reverend L.D. Smythers
Pastor of the Arcadian Methodist
Church of the Eastern Regional Conference
Published in the year of our Lord 1894
Spiritual Guidance Press
New York City

To the sensitive young woman who has had the benefits of proper upbringing, the wedding day is, ironically, both the happiest and most terrifying day of her life. On the positive side, there is the wedding itself, in which the bride is the central attraction in a beautiful and inspiring ceremony, symbolizing her triumph in securing a male to provide for all her needs for the rest of her life. On the negative side, there is the wedding night, during which the bride must pay the piper, so to speak, by facing for the first time the terrible experience of sex.

At this point, dear reader, let me concede one shocking truth. Some young women actually anticipate the wedding night ordeal with curiosity and pleasure! Beware such an attitude! A selfish and sensual husband can easily take advantage of such a bride. One cardinal rule of marriage should never be forgotten: GIVE LITTLE, GIVE SELDOM, AND ABOVE ALL, GIVE GRUDGINGLY. Otherwise what could have been a proper marriage could become an orgy of sexual lust.

On the other hand, the bride's terror need not be extreme. While sex it at best revolting and at worse rather painful, it has to be endured, and has been by women since the beginning of time, and is compensated for by the monogamous home and by the children produced through it.

It is useless, in most cases, for the bride to prevail upon the groom to forego the sexual initiation. While the ideal husband would be one who would approach his bride only at her request and only for the purpose of begetting offspring, such nobility and unselfishness cannot be expected from the average man.

Most men, if not denied, would demand sex almost every day. The wise bride will permit a maximum of two brief sexual experiences weekly during the first months of marriage. As time goes by she should make every effort to reduce this frequency. Feigned illness, sleepiness, and headaches are among the wife's best friends in this matter. Arguments, nagging, scolding, and bickering also prove very effective, if used in the late evening about an hour before the husband would normally commence his seduction.

Clever wives are ever on the alert for new and better methods of denying and discouraging the amorous overtures of the husband. A good wife should expect to have reduced sexual contacts to once a week by the end of the first year of marriage and to once a month by the end of the fifth year of marriage.

By their tenth anniversary many wives have managed to complete their child bearing and have achieved the ultimate goal of terminating all sexual contacts with the husband. By this time she can depend upon his love for the children and social pressures to hold the husband in the home.

Just as she should be ever alert to keep the quantity of sex as low as possible, the wise bride will pay equal attention to limiting the kind and degree of sexual contacts. Most men are by nature rather perverted, and if given half a chance, would engage in quite a variety of the most revolting practices. These practices include among others performing the normal act in abnormal positions; mouthing the female body; and offering their own vile bodies to be mouthed in turn.

Nudity, talking about sex, reading stories about sex, viewing photographs and drawings depicting or suggesting sex are the obnoxious habits the male is likely to acquire if permitted. A wise bride will make it the goal never to allow her husband to see her unclothed body, and never allow him to display his unclothed body to her. Sex, when it cannot be prevented, should be practiced only in total darkness. Many women have found it useful to have thick cotton nightgowns for themselves and pajamas for their husbands. These should be donned in separate rooms. They need not be removed during the sex act. Thus, a minimum of flesh is exposed.

Once the bride has donned her gown and turned off all the lights, she should lie quietly upon the bed and await her groom. When he comes groping into the room she should make no sound to guide him in her direction, lest he take this as a sign of encouragement. She should let him grope in the dark. There is always the hope that he will stumble and incur some slight injury which she can use as an excuse to deny him sexual access.

When he finds her, the wife should lie as still as possible. Bodily motion on her part could be interpreted as sexual excitement by the optimistic husband.

If he attempts to kiss her on the lips she should turn her head slightly so that the kiss falls harmlessly on her cheek instead. If he attempts to kiss her hand, she should make a fist. If he lifts her gown and attempts to kiss her anyplace else she should quickly pull the gown back in place, spring from the bed, and announce that nature calls her to the toilet. This will generally dampen his desire to kiss in the forbidden territory.

If the husband attempts to seduce her with lascivious talk, the wise wife will suddenly remember some trivial non-sexual question to ask him. Once he answers she should keep the conversation going, no matter how frivolous it may seem at the time.

Eventually, the husband will learn that if he insists on having sexual contact, he must get on with it without amorous embellishment. The wise wife will allow him to pull the gown up no farther than the waist, and only permit him to open the front of his pajamas to thus make connection.

She will be absolutely silent or babble about her housework while his huffing and puffing away. Above all, she will lie perfectly still and never under any circumstances grunt or groan while the act is in progress. As soon as the husband has completed the act, the wise wife will start nagging him about various minor tasks she wishes him to perform on the morrow. Many men obtain a major portion of their sexual satisfaction from the peaceful exhaustion immediately after the act is over. Thus the wife must insure that there is no peace in this period for him to enjoy. Otherwise, he might be encouraged to soon try for more.

One heartening factor for which the wife can be grateful is the fact that the husband's home, school, church, and social environment have been working together all through his life to instill in him a deep sense of guilt in regards to his sexual feelings, so that he comes to the marriage couch apologetically and filled with shame, already half cowed and subdued. The wise wife seizes upon this advantage and relentlessly pursues her goal first to limit, later to annihilate completely her husband's desire for sexual expression.

3342. [FS] Daiwa dual needle antenna tuner - NEVER USED $75

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: mfe@fast.net
Message-ID: <4osift$afi@nn1.fast.net>
Source record: 200280

I have a brand new Daiwa CNW 419 dual needle antenna tuner. It was never used, but is like 7 years old. I can't find the manual. Again, unused. Sell for $75
Mike

3343. Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B1D476.1F69@ccsnet.com>
Source record: 200281
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

```
Read the book in the subject of this message, it is #10
on the best seller list and it is really about German hams.
The book is by Daniel Jonah Goldhagen and tells how ordinary Germans
cooperated in conducting the Holocaust

#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
#=====================================================================#
```

3344. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Tor Loftesnes <tloftesn@mail.ba.no>
Message-ID: <4osnau$b83@nic.global-one.no>
Source record: 200282

Hello !
I'm newborn into Yours radioworld.
I've a very big problem, with the all over tele and communicating people.
Well my problem is as follow.
When I am working under my MGA-57, and the telephone is ringing, my black fingers is not allowed to touch our white telephone.
What I need is an earphone in my ear and some rather smart equipment connected to my telephone (radio thing of course).
Is there anybody out there, can solve my problem.

Regards
Tor Loftesnes
email: tor.loftesnes@ba.no

3345. Kwd TR-8400 schematic/help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: dao@mrspock.mt.att.com
Message-ID: <4osm91$56g@nntpa.cb.att.com>
Source record: 200283

I could really use a schematic/service info for an old Kenwood
TR-8400 that I recently acquired. This 440 Mhz FM radio works fine
on the repeaters, but I want to use it on packet. The local packet
frequency is 441.000, that's when I discovered the problem: it won't
transmit in simplex mode between 440.000 and 445.000 on any even
multiple of 25 kHz. In other words, it works fine on 441.025 and
441.075, but not 441.000 and 441.050..... really weird. Obviously,
a PLL/synthesizer problem, but darn near impossible to trouble shoot
without at least a schematic. Can anyone help?

Thanks.

Dan K2UL
dostroy @ attmail.com
k2ul @ k2ul.#snj.nj.usa.noam

--

Dan Ostroy - K2UL -
AT&T Bell Labs, Middletown, NJ USA 908-957-2783 d.ostroy@att.com

3346. radio telephone interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Tor Loftesnes <tloftesn@mail.ba.no>
Message-ID: <4osn68$b83@nic.global-one.no>
Source record: 200284

Hello !
I'm newborn into Yours radioworld.
I've a very big problem, with the all over tele and communicating people.
Well my problem is as follow.
When I am working under my MGA-57, and the telephone is ringing, my black fingers is not allowed to touch our white telephone.
What I need is an earphone in my ear and some rather smart equipment connected to my telephone (radio thing of course).
Is there anybody out there, can solve my problem.

Regards
Tor Loftesnes
email: tor.loftesnes@ba.no

3347. Lafayette Comstat 25A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: llama@randomc.com
Message-ID: <4oslqu$7l4@news1.randomc.com>
Source record: 200285
Cross-posted to: rec.antiques.radio+phono,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.swap,rec.radio.cb

I bought a box of junk that used to be a "Lafayette Comstat 25A" 23 channels citizens band radio. There isnt much left, and all the tubes are gone from inside it (it's got an inspection date of early 1969 on it), plus (i assume) it was before circuit cabinets/pcb's so its all wire to wire so God knows what else is wrong with it. Just wanted to let anyone who might be rebuilding one / looking for one know that I have it and they're happy to any pieces of it before I rip it apart.

Oh yeah, I can also send you the tube sockets (7 and 9 hole) if you need them for another project. Advance apologies as I couldnt read the charters for the groups I posted to (thats quite a few) since I'm not even a Ham. I tried stripping it down as much as possible, replies to email unless relevant to group (in which case, gimme a Cc because I might be interested).

TIA,
-llama

--
one.one.twenty.twenty.nine.tonight.the.stars.are.shining.bright
o Herr Llama <llama@randomc.com> t "Then the chair runs right t
o http://www.randomc.com/~llama t up to my bed and jumps in. t
o \|/ ____ \|/ t And I make love to the t
o @~/ ,. \~@ Just another VHDL t wooden chair. It was uncom t
o /_(__/)_\ hacker. t fortable. It hurt." t
o __U_/ t -- Yevgeny Zamyatin t
one.one.twenty.twenty.nine.tonight.the.stars.are.shining.bright

3348. Alinco DJ-F1E mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: brian millward <brian@millward.demon.co.uk>
Message-ID: <406696862wnr@millward.demon.co.uk>
Source record: 200286

I have just bought an Alinco DJ-F1E and would like to know
of any mods that are available, especially extended receive,
as I am off to the states shortly and would like to receive
all the 2m amateur band over there.

TIA ... brian
--

| brian millward G0MDN EMail brian@millward.demon.co.uk |
| Nuneaton Warks |

3349. Re: LOUD Astron PS??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Bob <rdashoff@ucr.campus.mci.net>
Message-ID: <31B1FDA4.80D@ucr.campus.mci.net>
Source record: 200287

I used a small thin rubber patch for a bicycle tube wedged between the top cover and the face. Just pull up on the tops lip and you can slide it inbetween the two metal surfaces. It worked for me.

Bob... (KN6GA)

3350. Info Needed: Mods for Alinco DJ-F1 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: rmwatson@eskimo.com
Message-ID: <DsE5yx.5to@eskimo.com>
Source record: 200288

I recently purchased a used Alinco DJ-F1 2 meter handheld, and noticed while browsing through the manual that there is a modification that allows for AM receiption between 118-136 Mc. Does anybody know of any documentation regarding this, and if you have tried this, are there any forewarnings, or likes/dislikes?

Thanks,

Robert/KJ7BO
rmwatson@eskimo.com

3351. Alinco DR605T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4ot0o9$15mi@usenetz1.news.prodigy.com>
Source record: 200289

Does anyone have any info on the new Alinco DR605T Dual Bander?
Has anyone experienced hot mic gain on this unit?.

John WA4BMG

3352. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4os60b$1k7@comet.connix.com>
Source record: 200290
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

donmixon@earthlink.net wrote:

>travisp@ix.netcom.com (Gerald Phillips) wrote:

>>I am thinking about buying an MFJ HF tuner (specifically the 300w one
>>with dummy load, etc.) Looking on some feedback about them and any
>>expereiences (good or bad) folks have had. Also reccomendations on
>>other tuners is fine also. Thanks.

For the same $$$, get a VCI300DLP (also sold under Tucker name) ...
MUCH better contruction, VERY much better appearance, and solid
performance. MFJ varies greatly due to (IMO) poor quality control.
I've determined never to own another piece of MFJ gear!

3353. Re: IC-245 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: parf@aol.com
Message-ID: <4ot8ae$93n@newsbf02.news.aol.com>
Source record: 200291

Hi Tony,
When I spoke w/ Icom last year, they told me there was no service manual for the 245SSB- I have never heard of the models a,E etc- what are these? Someone else here on the Newsgroup also recently called Icom and got same answer. They did send me the owners manual and I have mine up and running w/ those schematics.

73, Dale WA2YPY

3354. [FS] Kenwood TS-50 mini HF radio + Tunner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Andres Martinez <andres@flash.net>
Message-ID: <31B232FF.EEF@flash.net>
Source record: 200292

I live in an apartment and I cannot place a good antenna to
use my Kenwood TS-50s + Antenna Tunner (AT-50).
I tried a vertical R7, and a dipole, but the conditions are no good
for a permanent setup.

I'm asking $950 for both units, I'll include original Manual + Boxes.

Equipment is in perferct shape
(I also need the money because a new baby is on its way!)

let me know...
thanks

andres

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_/  _/  _/  _/  _/
_/  _/  _/  _/  _/_/_/
============================================================
```

>>> Andres Martinez Coronel - Houston TX - USA <<<
WEB MASTER/SOFTWARE ENGINEER/PROF.TRANSLATOR/HOME AUTOMATION
OFFICE: andres@wst.com HAM Radio License: W5/YV5-KRI
HOME : andres@flash.net Dimacorp International - Houston
==

3355. Re: I support the LEO and the loss of ham frequencies. - signatur.pce (0/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B230B0.CC1@ccsnet.com>
Source record: 200293
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Alex Evonosky wrote:

> what kind of HAM are you? That is no way of supporting Amateur
> Radio!! I'm 26 and been a ham sine 13. I've seen hams help disaster
> agencies,etc....You should resign your call and don't even think you
> were an Amatuer Radio operator! I could not beleive I read this JOKE!
> alex

Is "Amatuer" like amateur?
Is "beleive" like believe?

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
#=============================================================================#
```

There are those that the following applies:
Why is it that if you disagree with what I have to say, you feel
compelled to call my employer? Do it if you must but you better be good
at it. If you do not kill the king, the king will kill you.

3356. looking for tx mods HTX212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Brad Bowman <fru453@freenet.mb.ca>
Message-ID: <Pine.SOL.3.91.960602213824.4093A-100000@winnie.freenet.mb.ca>
Source record: 200294

Does anyone know of a mod that enables the radio to transmit out of band? I know I'm bad. Also is there a way to store out of band freq in to a memory channel?
Overall This seems to be a great radio...What do you think?!


```
-----------------------------------------
| Darcy Wilson VE4DDW If you think things |
| Box 28 Grp 336 RR#3 are bad, don't worry |
| Winnipeg, Manitoba it can always get |
| cell: 229-6461 worse...look at me!! |
| pager: 931-0090 |
| |
-----------------------------------------
```

3357. RADIO SHACK SCANNERS FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: RfSam@gnn.com
Message-ID: <4otku2$6d9@news-e2d.gnn.com>
Source record: 200295

```
Have the following RADIO SHACK Scanners for sale:
PRO-51 HANDHELD, $195
PRO-63 HANDHELD, $140
PRO-2006 DESKTOP - 800mhz cellular restored, $325
PRO-2035 DESKTOP - 1000 memory channels, $325
```

3358. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Steve Dobak <sdobak@prolog.net>
Message-ID: <31B2528C.64D7@prolog.net>
Source record: 200296
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

WB3U wrote:
>
> Ray Wilson <n3rkh@voicenet.com> wrote:
>
> >The dummy load ain't so dumb. If I select the dummy load with an
> >antenna attached to the tuner, then key up, enough RF will find
> >it's way to the antenna to get S-7 reports within a mile or so.
>
> Sounds like their dummy loads and their verticals share some
> common technology. ;)
>
> 73,
> Jack WB3U
RIGHT ON STEVE WB3AMG :=}

3359. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Steve Dobak <sdobak@prolog.net>
Message-ID: <31B25346.7D15@prolog.net>
Source record: 200297
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

bob puharic wrote:
>
> travisp@ix.netcom.com (Gerald Phillips) wrote:
>
> >I am thinking about buying an MFJ HF tuner (specifically the 300w one
> >with dummy load, etc.) Looking on some feedback about them and any
> >expereiences (good or bad) folks have had. Also reccomendations on
> >other tuners is fine also. Thanks.
>
> >KE4MBD
> >Gerald
>
> Dont buy an MFJ tuner, period. They make some fine stuff, but their
> tuners are trash. I had a 3 KW tuner I bot at a hamfest....has a
> design defect. The inductor selector switch has chassis mounting bolts
> VERY close to some of the selector positions. If there is a voltage
> spike (and EVERY tuner will face this during tuning), the selector
> switch would arc to the mounting bolt and blow the switch. I bot
> several replacement switches before i gave up....
MFJ makes some fine stuff?? Could you please tell me what I missed
as I am not aware of it. Steve wb3amg

3360. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Steve Dobak <sdobak@prolog.net>
Message-ID: <31B251F0.1338@prolog.net>
Source record: 200298
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Gerald Phillips wrote:
>
> I am thinking about buying an MFJ HF tuner (specifically the 300w one
> with dummy load, etc.) Looking on some feedback about them and any
> expereiences (good or bad) folks have had. Also reccomendations on
> other tuners is fine also. Thanks.
>
> KE4MBD
> Gerald
If you want my feedback they, in my humble opinion (tunners) are an
absolute piece of shit. I really like that 300 watt balun, take a
look at it and tell me if you would want to run more than 50 watts
to it. Some people I know had good luck with their tuners, but
the balun is underrated, and the circuitry is in no way a 300 watt
tuner, QRP yes 100 watts, maybe depending on antenna, any more or
using anything but a antenna close to resonance and using the
tuner to broden it as in cutting a antenna cut for 3750 and tuning
the entire band which it will do, I would think twice and as a
matter of fact had one of them blow up the output cap in a collins
100 watt transmitter, Quite a reality check. If you intend multiband use
with tuned feeders go find a johnson matchbox it will beat the pants off
of about anything else you will find, the matchbox dont cover 160
without modificationbut with a 135 foot flattop and 450 ohm feeders
after you get use to the way they work
you will have a good setup, no rap really against the mfj they just arent
what most people think they are and they get into trouble trying to
match systems at power levels they cant handle.
Been There, Done That---Steve WB3AMG--- :=}

3361. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Steve Dobak <sdobak@prolog.net>
Message-ID: <31B254E2.16FE@prolog.net>
Source record: 200299
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Jim Kehler wrote:
>
> travisp@ix.netcom.com (Gerald Phillips) wrote:
>
> >>I am thinking about buying an MFJ HF tuner (specifically the 300w one
> >>with dummy load, etc.) Looking on some feedback about them and any
> >>expereiences (good or bad) folks have had. Also reccomendations on
> >>other tuners is fine also. Thanks.
>
> >>KE4MBD
> >>Gerald
>
> I purchased the '3 KW' Differential T-Tuner. Took me
> about two days before the roller inductor melted into
> a pile of goo.
>
> But MFJ's service is as good as thier product - after a long
> international telephone call I convinced them to send me a
> new roller inductor instead of sending back the tuner and they
> did - in a nice white box with 'REJECT' written in red on the
> outside of the box. The 'new' roller was so warped it wouldn't
> roll.
>
> In my opinion, they live up to thier name - Mighty Fine Junk.
>
> 73, Jim KH2D
>
>
I almost brought that tuner but with the past experances Ive had with
MFJ and I use slightly differant words for mfj I found someone who
had one went and took a look, all I can say is if I had paid money for
that tuner I would have been pissed, nuff said

3362. Re: Yeasu 736R transmit problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Doug & Janet <cn2590@abaco.coastalnet.com>
Message-ID: <31B22BC5.45B1@abaco.coastalnet.com>
Source record: 200300

Can anyone help me with mods to make a Yeasu FT-2500m transmit on higher frequencies, up to about 157.100?? My old FT-2400 does this with a minor mod. thanks in advance de N1OUD

3363. help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Doug & Janet <cn2590@abaco.coastalnet.com>
Message-ID: <31B22C08.3232@abaco.coastalnet.com>
Source record: 200301

new FT-2500

3364. ft-2500m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Doug & Janet <cn2590@abaco.coastalnet.com>
Message-ID: <31B22C93.47C5@abaco.coastalnet.com>
Source record: 200302

I have just purchased a new FT-2500m to replace the FT-2400 in my boat, which I need to use at higher frequencies than are currently trapped-out. Can someome tell me what file to download to get the right mods?? de N1OUD Thanks in advance

3365. Re: Ft50 and ic 7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: David_Edger@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960602_220200_d5128612@fidonet.org>
Source record: 200303

Thought you captured the relative merits of the T7A versus the FT50R quite well. I also own both, and am hanging on to both, but I do much prefer the smaller size of the T7A. It fits into my pants pocket very well indeed. I only wish it had 800MHZ coverage. Great little radio. 73

3366. RADIO WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: mike.mollet@compudata.com
Message-ID: <8C1C549.150D00054C.uuout@compudata.com>
Source record: 200304

Hi there,
I am interested in obtaining a Motorola MTX-900S. HT radio.
If you can help, please Email ME..
Thanks

Mike Mollet
MMollet@compudata.com

PS: Please use the address I gave out in this letter, and not the
address in the header... Thanks

3367. TS850-S AT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Mark Paley <mpaley@wcnet.org>
Message-ID: <31B1A258.6021@wcnet.org>
Source record: 200305

I offer the following for sale:
Kenwood TS 850-S transceiver with internal antenna tuner
AmpSupply LK 450 linear
ICOM 728 transceiver
Nye Viking MB5A 3KW antenna tuner
Astron RS 35-M power supply
All equipment was purchased new by me and is in mint condition. I
have most, if not all boxes, all invoices, and any other pertainent
documentation. Leave me some email with your best offers.
(mpaley@wcnet.org)
--

http://www.wcnet.org/~mpaley/

3368. Re: FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: tom.howley@moa.net
Message-ID: <4ot2jf$860@mordred.cc.jyu.fi>
Source record: 200306

Here it is again:

Here is the extended TX mod that was on the internet. Please proceed at
your own risk!!! This mod opens up TX in VHF 140-174 MHz and UHF
420-469 MHz

1. Take the battery off.
2. Peel the NiCd warning sticker off of the radio.
3. Remove the two screws that were under the sticker.
4. Gently pry off the keypad paying attention to the gasket.
5. You will be looking at 3 jumper pads.
6. The 1st pad on the left will have a blob of solder on it.
7. Carefully remove the solder blob.
8. Reassemble the radio paying close attention to the gasket insertion.
9. Hit the reset keys as mentioned in the manual.
10. Extended TX mod is complete.

Original posting was by Chuck (KA6WDM) cbragg@pacificnet.net

Tom

In article <4omj2a$li1@doc.zippo.com>, n4fan@shelby.net says...
>
>In article <NEWTNews.833159337.590.thblazer@thblazer.bright.net>,
thblazer@bright.net says...
>>
>>
>>To all !
>> Hello...I just got the FT-50R at Dayton also...I think I got
the buy
>>of the day...Love the Radio..Nice features. Nice size too!
>>Looking for Mods to open it up...Appreciate any help... I have read
in this
>>news group about itscapablities...or what can be expected..We hope...
and I
>>am Interested in the Optional keypad ...to see if it is worth
buying...
>>
>>Thanks to all...I get lots of Great info from these postings...
>>
>>
>I'v had conflicting reports, does it do 88-108 wide FM?
>Will it scan resonably fast.
>I dont expect one to be like a scanner, but is it usable like one?
>Thanks!
>N4FAN

>n4fan@shelby.net

3369. ham gear 4sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-02 00:00:00 UTC
From: Tandy.Way@6f6.n377.z1.fidonet.org
Message-ID: <092_9606032057@tbos2cla.com>
Source record: 200307

must sell.

alpha linear amplifier model 78a no tune broadband 3 tube model tubes
this is the unit in the brown case with brown front described as sticky
or fuzzy front pannel.
fine with book wired 220 $1500 plus shipping.
kenwood ts690 with both 500hz cw filters and vs2 speech board. with box
book hand mike $1200 plus shipping.
contact info follows.
fidonet
1:377/6
internet
tandyway@ddi.digital.net
voice mail 813-962-4105
bbs 813-961-6242 2400 thru 28.800 bps
mailing address 4803 Cypress Tree Dr.
Tampa, Fl. 33624-0644
--
|Fidonet: Tandy Way 1:377/6
|Internet: Tandy.Way@6f6.n377.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

3370. Email for VE3GLA John Rushby

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <31B3B075.6BD6@concentric.net>
Source record: 200013

Does anyone have the Email address for
Robert John Rushby ?
I have a few questions about the MFJ1278, and I belive he is the only
one that knows the answer.

3371. MFJ1278 and JVFAX driver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <31B3B249.7518@concentric.net>
Source record: 200014

I'm currently working on a driver for JVfax ver 7.1 to
work with the MFJ1278B in 16level mode for SSTV. I have the
receive part working but its very buggy at the moment.

It would be nice if I can get some support, but it seems that most
hams talk about sstv on 14.230/14.233 and send very few pictures.

I have asked in the past if there was a driver available, and the
only answer was to modify the TNC for DTR/CTR/DSR/CTS operation.
I'm not one to start pulling wires and makeing drastic changes to
my equipment if I don't have to.

If there is anyone out there with the same problem let me know
I will make the driver available when it is done.

Bruce N9ZLE

3372. RS Digital SWR/Power Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: ddeeds@aol.com
Message-ID: <4p08cu$c7p@newsbf02.news.aol.com>
Source record: 200015

There really isn't any way to change the power ranges. I personally just use it in auto-range mode.

The peak hold time is done with software and there also isn't really any way to change this. The timing was redone several times during development at Radio Shack's request and what you see is what you get. Unfortunately complaining to RS won't get you anywhere as far as future changes, since Tandy pretty much shut down our department. Since I was the one who wrote the software and I don't work there any more, I wouldn't count on any future upgrades.

Doug
KA8CTL

3373. WTB: COLLINS SC-101 Station Monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Roland S Geter Sr <wb6lna@dancris.com>
Message-ID: <31B3B52F.D77@dancris.com>
Source record: 200016

Will pay TOP cash and all shipping and packaging for a COLLINS SC-101
Station Monitor in ANY condition working or not.

Roland S. Geter PhD - WB6LNA/7
Internet: wb6lna@dancris.com
roland@dancris.com
ax25: WB6LNA@kc7y.az.usa.noam

____
| |
| Visit our Web page for brand newly manufactured |
| Collins Radio Accessories and tell others. |
| |
| http://www.dancris.com/romad/collins.htm |
|____|

3374. Re: Mic Switch on Yaesu FT-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4ovpi3$p12@comet.connix.com>
Source record: 200017

frediam@mcs.com (Fred) wrote:

>I recently puchased a Yaesu FT 900CAT for mobile operation. There is a switch on the back
>of the MH-31 microphone allowing for tone positions 1 or 2. Instructions don't give any
>indication as to which way to set this. Anyone know?

It's a sort of filter, and just set it to whichever setting gets you
the best sounding audio report. I leave mine on 1, and I have a deep
"broadcast" kind of voice. It isn't critical, at any rate ..

3375. Info for IC-2GXAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: ve2fws@binex.com
Message-ID: <ve2fws-0306962222090001@ppp-118.infoteck.qc.ca>
Source record: 200018

Anyone know if an ICOM 2GXAT handheld radio can transmit at 150 Mhz (It's suppose to be possible to unlock the radio.

Anyone cand send me an e-mail to teach me how to do that ?

Please reply to ve2fws@binex.com

3376. Re: Info Request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: KD6FYK <kd6fyk@wco.com>
Message-ID: <31B3CB6A.D9@wco.com>
Source record: 200019

Salle wrote:
>
> Which newsgroup is dedicated to posting equipment for sale?
> Thanks!

try, rec.radio.swap 73 steve

3377. Re: [FS] Daiwa dual needle antenna tuner - NEVER USED $75

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4p0lgs$qk8@safety.ics.uci.edu>
Source record: 200020

In <4osift$afi@nn1.fast.net> mfe@fast.net writes:

>I have a brand new Daiwa CNW 419 dual needle antenna tuner.It was never used,
>but is like 7 years old. I can't find the manual. Again, unused. Sell for $75

From what I know, this is not an antenna tuner. It is merely an SWR
meter, for what frequency ranges I don't remember.

Clark
WA3JPG

3378. IC 706 only for VHF ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.960603104234.387F-100000@linux.ea4abb.ampr.org>
Source record: 200021

Hello everybody.

I have bought a IC 706 and in my country I only can use it in 144 Mhz
with my licence. I need to modify it to only have full coverage onn 144 Mhz.

Do you know the mods to turn off the HF bands on this transceiver ???

Any comments are welcome. 73s

-- Roberto

Email:ea4abb@ea4rct.clubs.etsit.upm.es | ampr: ea4abb@linux.ea4abb.ampr.org
fidonet: Roberto Munoz 2:341/64.10 | ax25: ea4abb@ea4een.eam.esp.eu
<A HREF="http://www.etsit.upm.es/~rclub">Paginas WEB del Radioclub EA4RCT</A>

3379. FTP site for mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.960603104305.387G-100000@linux.ea4abb.ampr.org>
Source record: 200022

Hello everybody...

Some months ago I had a FTP site where I could find a lots of mods for
radios. A terrible virus named "BARROTES" came on my O.S and clear all my
partitions with deleting all...

I need to know where is this site on internet. I need to make a mod on my
TM733 ...

Many thanks ! 73s

-- Roberto

Email:ea4abb@ea4rct.clubs.etsit.upm.es | ampr: ea4abb@linux.ea4abb.ampr.org
fidonet: Roberto Munoz 2:341/64.10 | ax25: ea4abb@ea4een.eam.esp.eu
<A HREF="http://www.etsit.upm.es/~rclub">Paginas WEB del Radioclub EA4RCT</A>

3380. FT757GX Info & help Request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: billh@getnet.com
Message-ID: <4ovt2i$bk9@news.getnet.com>
Source record: 200023

I have discovered(owning a FT757GX) there is a difference between the GX and the GX II that is very important to those of us wanting to control the radio with a computer. In a GX there is only data flow in - no acknowledge or status out. The GX II (among other changes) has data coming back out.

I have found several programs written for the GX II which will NOT work on a GX. Has anyone seen a program for the GX??? Or has anyone seen a mod for the GX to get serial data out? Any help would be appreciated.
73
Bill W7JSW
billh@getnet.com

3381. TS-440 Too much current on 20m-???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: cbenjam@dinfsvs.com
Message-ID: <4oth93$9vn@tkhut.sojourn.com>
Source record: 200163

I have a TS-440sat and it draws too much current on 20 meters only.
the tuner works fine and even does this with a dummy load.
Any ideas/help would be appreciated.
Curt Benjamin KF8HN - cbenjam@dinfsvs.com

3382. Want- schematic for Kenwood TR-2200A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: cbenjam@dinfsvs.com
Message-ID: <4othev$9vn@tkhut.sojourn.com>
Source record: 200164

Looking for a schematic for an old Kenwood TR-2200A 2m portable
FM tranceiver.

Curt Benjamin KF8HN - cbenjam@dinfsvs.com

3383. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4otkb5$2rr@crash.microserve.net>
Source record: 200165
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

dcollin@connix.com (Dennis Collin) wrote:

>For the same $$$, get a VCI300DLP (also sold under Tucker name) ...
>MUCH better contruction, VERY much better appearance, and solid
>performance. MFJ varies greatly due to (IMO) poor quality control.
>I've determined never to own another piece of MFJ gear!

Am I mistaken, or was there a post here recently also commenting
on the poor quality of the Tucker tuners?

73,
Jack WB3U

3384. Re: help with ringo ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Anthony Cash <tonycash@worldnet.att.net>
Message-ID: <4otn5s$f7q@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 200166
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

The best thing to do with the 2m Ringo Ranger is to throw it in the trash and put up a homemade 1/4 wave groundplane. You will get the same results from the 1/4 wave. Or better yet sell the Ringo to someone who don't know how bad they are.

Good luck
73 de Tony KD4K

3385. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: jimdorr@ici.net
Message-ID: <4otlo5$e36@bashir.ici.net>
Source record: 200167

duane park <dspark@ix.netcom.com> wrote:

>Does anyone know if the antenna on a Standard c-508A dual band radio is
>the same type & gender, (sma) that is on the FT-50r?? If so, the Standard
>antenna is much smaller and would work nice on the FT-50r

The antenna is the same (sma) type as the ft-50. I had one of the
508A's and the small antenna works great in the ham bands but for
the wide receive built into the yaesu it would perform poorly. One
other comment...I wouldn't go pumping 5 watts of rf into an antenna
that was designed for 300mw!

BTW: If your still interested in the 508A antenna it can be order from
Standard for $25.00 plus shipping!

73, -Jim- (kd1oq)

3386. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.788.31B25F8A@accessone.com>
Source record: 200168
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <4oodoi$elt@clark.zippo.com> alexevon@abraxis.com (Alex Evonosky) writes:

>Burt Fisher <k1oik@ccsnet.com> wrote:

--- typical Burt ignorant flame bait deleted ---------

>ignorance! just pure stupidity..I can't believe YOU even announced
>your call sign on here!

You must be new here Alex. Burt is unable to hold a "real" conversation so he does whatever he can to get attention by making outrageous statements. He never has any original thoughts or contributes anything intelligent. Considering the sham our educational system is in it won't surprise you that Burt says he is an educator in his sig line. Just consider Burt challenged in many ways and ignore him.

grh

3387. Re: Needed: FM stereo multiplex ICs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: robert@kd3bj.ampr.org
Message-ID: <robert.833770310@kd3bj.ampr.org>
Source record: 200169
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.shortwave

Once upon a time ... National Semiconductor had a chip for stereo
multiplex and SCA in their catalog. You might call the nearest office
and ask if such an thing is still available.

--
Robert Garland NX3S @ N3ACL.PA.USA.NOAM
Hilltown Township Bucks County robert@kd3bj.ampr.org
Pennsylvania USA Grid FN20ii
"Ham Radio is a calling"

3388. Re: R/S DSP-40 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: ddeeds@aol.com
Message-ID: <4otq20$ekj@newsbf02.news.aol.com>
Source record: 200170

You can order a service manual with schematic for the unit at your local store. They usually cost less $5 or less. I got one for my 2M HT.

Doug
KA8CTL

3389. Info Request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: ab403@sfn.saskatoon.sk.ca
Message-ID: <4otruj$lno@tribune.usask.ca>
Source record: 200171

Which newsgroup is dedicated to posting equipment for sale?
Thanks!

3390. For Sale: HW-8, Outbacker Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Rob <robk@rconnect.com>
Message-ID: <4otrt5$jj4@news.corpcomm.net>
Source record: 200172

For Sale: 1 Heathkit HW-8 QRP CW rig. It was just gone through by RTO Electronics and works excellently. It is unmodified, but does have a couple of minor cosmetic problems. Includes power supply. $110.00 OBO plus shipping. Also for sale, Outbacker 80-10m HF antenna. Works great! Includes spring base. You steal from me for $175 plus shipping. Would consider a better deal if both bought together.

73 de Rob, N0NGZ
robk@rconnect.com

3391. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4otseb$fdj@newsbf02.news.aol.com>
Source record: 200173

In article <31AF7285.55CD@informix.com>, Randall Rhea
<randall@informix.com> writes:

>It works well as a narrow filter for CW or for a notch filter
>for SSB. For $39, it's a good tool if you are having problems
>with heterodynes (squeals) on SSB, especially on 40m. It
>automatically notches out the squeal. Its noise
>cancelling does not work at all as far as I am concerned, except
>maybe on CB AM.
>
>
>

It is a good notch filter. If your receiver already has a good CW filter
the RS filter won't help a lick. The noise reduction isn't one at all. It
was a conceptual mistake.

73 Tom

3392. Re: HAL P-38

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Erik Skovgaard <Erik_Skovgaard@bc.sympatico.ca>
Message-ID: <4otsqi$beu@googol.bctel.net>
Source record: 200174

Lionel Booth <lbooth@comm.net> wrote:
>What is your experience with this TNC?
>
>What software are you running?
> Has anyone run the software under Win95?
> Has anyone done any software development and with what success?
>
>How much Clover is on the air and where?
>
>How does it perform on Pactor/Amtor/RTTY?
>
>Never seen a thread on this subject. Wonder if anyone has any interest
>in the discussion?
>
>N5LB

Lionel,

I have been using the P38 for nearly six months and love it.

It takes some getting used to. It requires a pretty accurate tuning of the rig, but the P38 has a couple of tuning scopes that really help. In addition, there is some software written by third-party that allows you to transmit pictures concurrent with keyboarding.

Clover is a neat mode since it allows you to operate in apparent full-duplex mode; i.e you can type while you are receiving text or data.

It is also a very robust mode. It takes some major downturn of the band or lots of QRM to kill a link.

I have found activity on 20, 30 and 40 meters. You will find most activity at 65.5 KHz up from the lower band limit and sometimes on either side of those frequencies in 500 Hz increments. The activity is mostly on week-ends, but you will find some activity also during the week. The popularity of Clover seems to be growing, so there are lot of new station on.

It is a neat mode - check it out.

73 de VE7MDL ....Erik.

3393. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Erik Skovgaard <Erik_Skovgaard@bc.sympatico.ca>
Message-ID: <4ots3b$beu@googol.bctel.net>
Source record: 200175
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

<stuff deleted>
>>>I am thinking about buying an MFJ HF tuner (specifically the 300w one
>>>with dummy load, etc.) Looking on some feedback about them and any
>>>expereiences (good or bad) folks have had. Also reccomendations on
>>>other tuners is fine also. Thanks.
>
>For the same $$$, get a VCI300DLP (also sold under Tucker name) ...
>MUCH better contruction, VERY much better appearance, and solid
>performance. MFJ varies greatly due to (IMO) poor quality control.
>I've determined never to own another piece of MFJ gear!
>
Don't know the Tucker tuner, but my MFJ-948 had a bad coil. After some
months of operation at 100 Watts (it is rated at 300 Watts), the coil
overheated and two windings shorted. That caused more heat and stability
problems with the tuner - in the midst of some rare DX, of course :-(

I now use the MFJ-948 as a (expensive) antenna switch.

73 de VE7MDL ....Erik.

3394. Re: kenwood ts850s problem ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: jcall@sirius.com
Message-ID: <4ou279$dif@sun.sirius.com>
Source record: 200176

In article <4o9udi$6iv@newsbf02.news.aol.com>, f1jrb@aol.com (F1jrb) says:
>
>hello from france .
>
>i want to buy this transceiver .
>please what is your opinion of this transceiver ??
>what is the modification possible (all) ???
>
>thanks for the reponse f1jrb@aol.com

The TS-850S was one of the best on the market for the price range a few years ago (maybe still is)
The receiver section gave you essentially the performance of the Kenwood top of the line TS-950
for much less money. You can add bandwidth filters on both IF frequencys as well as several other accessories. I have one and quite pleased with it.
As for mods, I think there are some such as , I think, keeping the RF stage in the circuit on the medium wave broadcast
band, but I'm not familiar with the details
Jim.

3395. Re: IC-245 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <833782674snz@microvst.demon.co.uk>
Source record: 200177

In article <4ot8ae$93n@newsbf02.news.aol.com> parf@aol.com "Parf" writes:

> Hi Tony,
> When I spoke w/ Icom last year, they told me there was no service manual
> for the 245SSB- I have never heard of the models a,E etc- what are these?
> Someone else here on the Newsgroup also recently called Icom and got same
> answer. They did send me the owners manual and I have mine up and running
> w/ those schematics.

Sincere apologies to all, my eyes or my brain were out of focus. I kept reading posts about IC-245 but then I kept replying about the IC-275.

I grovel and apologise for my own confusion and for any with which I infected others.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3396. ICOM 706 reports?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: innocuous@aol.com
Message-ID: <4ou566$job@newsbf02.news.aol.com>
Source record: 200178

The ICOM 706 has been in the field for a while now. I haven't seen any new competition [since the Kenwood and the Alinco]. How does the ICOM stack up in sensitivity, selectivity, audio quality or CW keying?

3397. NMO to UHF adapters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: alaska2053@aol.com
Message-ID: <4ouec6$n9j@newsbf02.news.aol.com>
Source record: 200179

Hi,
Just a word of warning , it may have been discussed already. If
you use an aluminum nmo to so239 adapter for your mobile antenna setup
check it regularly for corrosion. Lubricate it with one of the conductive
aluminum greases often. Mine froze together I needed to cut the adapter
apart to get my antenna and the retaining nut for the mount back. Not much
fun at all.

BTW no amount of heat I could generate with a propane torch could melt
the salt (oxidation) to free up the adapter.

Andy
KA1SLG

3398. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: alaska2053@aol.com
Message-ID: <4ouefi$nc7@newsbf02.news.aol.com>
Source record: 200180

In article <4omovp$41h@newsbf02.news.aol.com>, markn9srt@aol.com (Mark N9SRT) writes:

> think if you don't like what you hear, change the frequency! All my
>radios have
>a knob or button to change it. If you can elevate the level of
>discussion, join in!
>I personally think there are more constructive uses for the space
occupied
>by
>Major League ballparks, but some enjoy the experience, and the land on
all
>sides is used for other purposes, so it would seem everyone gets
>something.

Right you are, if you don't like what you hear on the radio turn it off. If big bussiness needs spectrum, let them get it from the feds, leave hams alone. And ball parks, baseball football or otherwise should be knocked down and turned into flying fields for model planes, or made into go kart tracks.

Andy

3399. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: cdlevin@kd4zkw.shadow.net
Message-ID: <slrn4r51il.co.cdlevin@kd4zkw.shadow.net>
Source record: 200181
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

At the risk of being redundant, does anyone know if the list for these freqs include 33cm, and if they do, write your congressman, and tell him that that would be a great band for LEO, and alothough we'll shed some tears, we'll be better off in the long run. In fact, no reason to move SSTV, if they're willing to not interfere with, and accept interference from LEO equipment. We picked up this band back in like, 1986, I believe, when all the trouble started. We would be more than happy to shed it. I personally, believe that SATAN lives in that segment of the band, so if the feds want it back, they can have it. Tell me it's on the list for consideration. 73.

--

```
_____________________________________________________________________
| Curtis D. Levin kd4zkw | Team Os/2 | kd4zkw.ampr.org [44.98.2.22] |
| cdlevin@shadow.net ~~~~~~~~~~~~| kd4zkw@amsat.org |
| http://www.shadow.net/~cdlevin | kd4zkw@ae4ej.#MIAFL.FL.USA.NOAM |
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-- Running Os/2 Warp 3.0 -- Linux 1.3.20 --
```

3400. Re: help with ringo ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: tdengler@ix.netcom.com
Message-ID: <4ougfe$p5p@sjx-ixn5.ix.netcom.com>
Source record: 200182
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

>need tuning instructions for ringo ranger 2m.
>Gregg
>KF4AUY/AAT4AD
I have the short two page manual for this if you need. I think it is
a good little antenna.

If you already have the manual:
If I remeber correctly, all I did was keep measuring swr until it was
at a minimum in the middle of the band. Any swr meter will work, all
you are looking for is a minimum not an exact measurement. Keep
sliding the little bar on the ring until it is at a minimum and then
screw it down tight enough to keep it from moving.

3401. Reprogram Motorola HT210

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: tdengler@ix.netcom.com
Message-ID: <4oug56$p5p@sjx-ixn5.ix.netcom.com>
Source record: 200183

Does anybody know how/where I can get the frequency changed on a
Motorola HT210?

3402. ft50r performance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: joel@tech.mis.cfc.COM
Message-ID: <199606031130.HAA27820@serve.tech.mis.cfc.com>
Source record: 200184

Thanks to all who answered questions about the ft50r..
I bought one...

It has been a long time since I have done much HTing,
but performance on the ducky is real iffy..

Is that normal?

The radio is much better if it is sitting on top of
the refrigerator, or my car roof..

It is even better plugged into the wall charger.

Do I need a better antenna or is their a possibility
that there is something wrong with the radio?

I took it over to the store where I purchased it, and it
seems to work just like theirs, and there is this growing
rememberence in my head of a magnate mount antenna I used
to use of 2 meters with my ht220 years back..

joel

3403. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: skeptic@netaxs.com
Message-ID: <4oul5h$hjm@netaxs.com>
Source record: 200185
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Gerald Phillips (travisp@ix.netcom.com) wrote:

: I am thinking about buying an MFJ HF tuner (specifically the 300w one
: with dummy load, etc.) Looking on some feedback about them and any
: expereiences (good or bad) folks have had. Also reccomendations on
: other tuners is fine also. Thanks.

I've been using the MFJ Deluxe Versa Tuner II (MFJ-949D) for several years. I am quite satisfied with it...nice cross-needle illuminated meter, etc.

One thing...when I got it it had an intermittant problem. When I took the cover off I found that the top of one of the coils was touching the cabinet and shorting out. After fixing this, no further problems.

Jim Kelly, KK3K

--
Jim Kelly, Amateur Radio Licensee KK3K (skeptic@netaxs.com) \
Ph.D. Candidate - Political Science - Temple University \
Member - Lambda Amateur Radio Club / \
Home Page URLs: http://www.netaxs.com/people/skeptic/ / \
http://astro.ocis.temple.edu/~jimkelly

3404. IC-V21AT Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: dgra@eci-esyst.COM
Message-ID: <n1378329151.93962@qmgate.eci-esyst.com>
Source record: 200186

Sorry if this has already been covered, but, I have the
Icom IC-V21AT dual band 144/220 handheld. Are there
any mods for it available?

Thanks and 73,
Dana Rodakis, AJ1R

3405. Plantronics Headsets

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Daniel_F._Stiles@inetgate.UShmm.ORG
Message-ID: <9605038338.AA833819942@inetgate.ushmm.org>
Source record: 200187

Does anyone have any data on the Plantronics
"Starset" type headsets.

They are the kind that look like a hearing aid
with a clear flexible tube that goes into your ear
and a clear rigid tube that extends down toward
your mouth for speech.

The ones I have are designed for telephone
operation with 2 parallel 1/4" ish 2
conductor phone plugs (please don't flame me I
know they are not exactly what I called them but I
use that as a description).

There is a small circuit board contained in the
plug case comprised mainly of an IC either blank
or containing numbers making no sense to us
mortals.

I have modified several to work in Broadcast
intercom systems that accept carbon mic inputs
(mod is a single 3 conductor phone plug).

The things are very comfortable to wear for
extended periods and I would like to put one on my
HF rig. My question is: The mic element appears
to be a dynamic type element. Can the board be
used as a pre-amp by supplying phantom power and
has anyone done it. The are 2 diodes across the
earphone that function as clippers for excessive
audio.

Any info would be appreciated

73, Dan KB1BG
dstiles@ushmm.org

3406. WTB 50Mhz modul for Yeasu FTV901 Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: fj@sni.dk
Message-ID: <4ouamn$jgg@news.dknet.dk>
Source record: 200188

Finaly I found the original transverter for my old FT901DM. Now I only need the 50Mhz module to be complete. Please look in your old stuff to find me that module. Defect or mint. Dead or alive. Wanted. - As John Wayne said - Sooner or later - li¿½ll get him!

Vy 73 de OZ2Q Frits in Copenhagen fj@sni.dk

3407. Re: HF Mobile in a Saturn ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: DAVID@medcor.mcgill.ca
Message-ID: <4ouq9a$t2j@sifon.cc.mcgill.ca>
Source record: 200189

In <4olml2$75l@news2.acs.oakland.edu> prvalko@vela.acs.oakland.edu writes:

> AC4QO (ac4qo@aol.com) wrote:
> : I am thinking of getting a HF mobile rig and installing it in my 94 Saturn
> : SL2. My two primary concerns are the mounting of the equipment and
> : antennas.

<snip>
> Bob, I've got a 1995 Saturn SL-2 and (thankfully) only one year to go on
> the lease. I have NEVER owned a worse vehicle for RF noise, spark
> noise, etc. If your '94 is quiet (I get S9 static while the engine is
> running on 2M FM!) you are lucky. If not, try a rig with a good noise
> blanker - I use an FT-900at when I'm able to put up with the static.

>
<snip>
> It's not a bad car for the money but I would not sugest one to a ham.
>
> 73! =paul= wb8zjl
>
> p.s. Saturn says there's nothing that can be done.

Hi Paul, Bob,

I agree with Paul's suggestion to try a rig first and see how bad the ignition noise is. I used to have a '92 Saturn SL, which was dead quiet electronically - not a crackle even on weak signals on vhf fm (no hf experience, though). Recently I got a '96 SL1 and was surprised by the high noise level. Luckily for me, the interference was so severe that it troubled the broadcast band radio in the car, and so I was able to tell the dealer to fix it under warranty. In the case of the '96s, the cure is to change the ignition leads - in my case the noise almost completely went away. However, I must note that now (a month or so later) the noise does seem to be getting slightly worse again - will have to wait a while and see if its my paranoia, or if it really is coming back.

73,

Dave Lloyd, VE2HJT, G4HJT
email: annedave@magnet.ca or dlloyd@meakins.lan.mcgill.ca

>

3408. Re: Advice needed on mobil installation in Saturn

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: DAVID@medcor.mcgill.ca
Message-ID: <4ourc0$t2j@sifon.cc.mcgill.ca>
Source record: 200190

In <4oq9ca$sve@sun.sirius.com> jcall@sirius.com writes:

> Has anyone here had experience in putting a 2m mobile rig
> into a 1996 or earlier Saturn ? Iwould like to install my
> Yaesu FT 2400 mobile which can put out 50 watts and am
> concerned about setting off the airbags or doing damage to
> the onboard computer electronics on board from stray RF. I
> could either use a trunk lid or roof mount antenna. I've talked
> to Saturn service people but they have no suggestions or warnings.
> I suspect that the ones I've talked to don't have much experience
> in this area.
> Thanks
>
> Jim Carrington KD6JTY
> jcall@sirius.com

This seems to be Saturn day on this newsgroup!

I just did an in-dash installation of an IC2000 in a '96 SL1. I just had the stock radio/cassette, so there was a small compartment below which was just large enough for the rig. To access the compartment, the plastic insert tray jsut pulls out (bit of jiggling around). You will then be able to see whether or not your rig will fit in the space available. If your rig will fit (maybe with a bit of removal of the plastic surround), then:

Remove foot-well access panels. Remove pop-studs which secure plastic surround to the radio console. Remove surround (switch block on top for defrost, etc, should come off easily once you've started to remove the surround. Now you can get at the radio and the space below it. I found it necessary to remove the radio to do a little metal-bending so that there was enough depth to take the IC2000. I used a couple of bolts through the side metal plates into the IC2000 heatsink to firmly anchor it (although its such a snug fit that was probably overkill. I also mounted a miniature fan on the back of the heatsink, splicing it into the broadcast radio power via a small switch mounted next to the cigar lighter socket - there is only limited air circulation behind the radios, so it seemed a good idea to add some extra circulation for insurance. In fact, in use the fan hasn't been necessary, but then I'm not the sort to take 20 min overs running 50W (usually!). At the moment, power is taken from the accessory circuit, a future project is to feed cables directly to the battery. Antenna is a quarter wave, trunk mounted (xyl vetoed other options!). It was a reasonably simple installation, took me about a day's work, on and off.

One problem which I had to begin with was excessive noise from the ignition system. Replacing the ignition cables seems to have cured this, although I'm beginning to notice some noise starting again - not sure whether its my paranioa, or the problem really is coming back. Time will tell.

73,

Dave Lloyd, VE2HJT, G4HJT,
annedave@magnet.ca or dlloyd@meakins.lan.mcgill.ca

3409. Looking for Motorola WWII walkie-talkie

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Hubert Eisner <eisner@lavielle.com>
Message-ID: <31B2E661.282A@lavielle.com>
Source record: 200191

In the late 40s and early 50s, the US Army used a Motorola
walkie-talkie, about 4"x4"x14", olive green (of course)and I'm looking
for one of these wt's, it must not be working.
A hint where to get such equipment would be appreciated.
Herbie Eisner "eisner@lavielle.com"

3410. F.S.>Icom 38A 220 MHz Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: dwc@crl.com
Message-ID: <4ov0q7$7oh@nntp.crl.com>
Source record: 200192

I have an Icom 38-A 220 MHz mobile radio for sale. The radio is very
clean, and has the orignal mobile mounting bracket, and microphone.
Asking $225.00 shipped.
e-mail to dwc@crl.com

3411. Re: FT-50r replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: toast@sysopsys.com
Message-ID: <9606030858.AA28974@howler.synopsys.com>
Source record: 200193

A nice replacement antenna for the Yaesu FT-50R is the Icom NAS270A which is a Dual Band SMA antenna, flexible and about half the length of the stock antenna.

You can order it directly from Icom for $18.00 + shipping.

Sorry, but I don't have the number for Icom at the moment.

Ty

3412. Extended receive for FT-5200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Jonathan <jon@drs-grp.demon.co.uk>
Message-ID: <3WW1vCAQ4wsxEwbm@drs-grp.demon.co.uk>
Source record: 200194

Are there any ways of extending the receiver's range on 2m and 70cm? There was nothing mentioned in the manual, which is to be expected. I have tried pressing different buttons whilst turning on to (this works with the FT-41R).

I have found out from the dealer that you can cut some jumpers inside of the transceiver to extend the range, but surprise surprise they want 60 quid for it. Does anyone know which wires to cut or anything else that can be done?

Thanks.

G7UWY

Jon@drs-grp.demon.co.uk

3413. Free Buy/Sell/Swap Classified Ads

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: brianr <brianr@tiac.net>
Message-ID: <19960603124434.aaaa000J2@babyblue.cs.yale.edu>
Source record: 200195

Post Free Buy/Sell/Swap classified Ads for Music/Audio/Computer equipment
and merchandise at the following address.
http://www.tiac.net/users/brianr

3414. Re: Mics with new rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ov60b$ion@crash.microserve.net>
Source record: 200196

res@cmprime.cis.att.com (Richard E Stealey) wrote:

> I bought a new IC 736 HF rig in Dayton 2 wks ago and found when
> I got home that there was no hand mic packed with it. In all other
> respects it is perfect. The owners manual says there is one packed
> with it and Icom brochures (although printed a few years ago) say a
> mic is included.

>Has anyone else experienced this same thing? Of course I expect to
>check with Icom next week to verify but I wonder what the net thinks.

Seems to me, if their advertising says it's included, they're
obligated to provide it in the purchase.

73,
Jack WB3U

3415. motorola mocom 10

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: dg692@FreeNet.Carleton.CA
Message-ID: <4ov099$r7j@freenet-news.carleton.ca>
Source record: 200197

i need a service book for a motorola mocom #10 low band transeiver
i have a problem in the xmter stage.
can anyone help? r. c. (bucky) merkley ve3jrr
(613)526-1713 phone or fax.

3416. FT-101ZD on 30 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Jim Apple <jma@ebt.com>
Message-ID: <01bb5172.a2d65e20$6a7670c6@goslyn.ebt.com>
Source record: 200198

Has anyone tried using 30 meter crystals in a 101ZD ?

I'd really like to get a couple of freq's on 30 and there does not
seem to be any mods out there.

Thanks in Advance

--
Jim Apple (WB1DOG) EBT
jim_apple@ebt.com One Richmond Square
DynaBase Product Lead Providence, RI 02906
(401) 421-9550

3417. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31B31CED.4EE1@southwind.net>
Source record: 200199
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

shed@n-jcenter.com wrote:

> If you were just trying to be "cute" you should clarify in a followup
> article before your peers realize you are a moron too.

Too late!
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx

3418. Re: RG-389

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Ron Notarius WN3VAW <76336.2175@CompuServe.COM>
Message-ID: <4ouvd8rvd1@mhadg.production.compuserve.com>
Source record: 200200
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Anyone ever hear of this cable type, or better yet, have any specs on it? I purchased some at Dayton; it's supposed to be 50 ohm 1" hardline. Before I invest the time into changing the antenna to an "N" connector & installing the cable, I'd like to be sure of what it is.

Thanks!

ron wn3vaw
my designated driver is a 12BY7

--
ron notarius wn3vaw
my designated driver is a 12BY7A

3419. Re: electronic dog collars (fenceless fences)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4ove66$rh9@pacific.mps.ohio-state.edu>
Source record: 200201

I've had an underground fence for about ten years to keep my labrador retreiver on the property. The fenced area is about an acre, and works well. A lightning strike in the neigborhood destroyed the transmitter, and in order to fix it I reverse-engineered the circuit board to see how it worked. Basically, the transmitter was two 555 timer chips configured as oscillators. One oscillator had a frequency in the 100KHz range, and it was modulated by a second oscillator in the 1000Hz range. (I may not be remembering the frequencies exactly, but they are right order of magnitude.) The modulated square wave drove a push-pull transistor amplifier whose output was applied to the buried wire. I understand that the company who thought up the scheme had their patent rights expire recently, which is why there are now numerous competitors in the market and vastly lower prices. THe competition seems to be more sophisticated than the original company, with micoprocessor controlled receivers in the dog collars.

The fences work very well, but are subject to burnout from lightning and, more commonly, from wire breakage. The wire in my yard breaks about twice a year. I find the break by feeding a modulated broadbast band signal from a signal generator into each end and walking around the yard with a walkman. I can usually find the break within about two feet.

3420. Need CAP/MARS mod for ft-50r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: swithrow@nyx.cs.du.edu
Message-ID: <4ovd80$fg6@nyx.cs.du.edu>
Source record: 200202

I am in need of information on opening up the ft-50r for xmt
on CAP/MARS. Can anyone help with this one? Is it a keyboard
function or jumpers/diodes inside for this radio?

Thanks in davance for your help.

Skip Withrow - WB0BBE
ah441@freenet.uchsc.edu

3421. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: "Robert M. Fekete" <cs@voyager.net>
Message-ID: <31B370D6.6EE7@voyager.net>
Source record: 200203
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Jim Kehler wrote:
>
> travisp@ix.netcom.com (Gerald Phillips) wrote:
>
> >>I am thinking about buying an MFJ HF tuner (specifically the 300w one
> >>with dummy load, etc.) Looking on some feedback about them and any
> >>expereiences (good or bad) folks have had. Also reccomendations on
> >>other tuners is fine also. Thanks.
>
> >>KE4MBD
> >>Gerald
>
> I purchased the '3 KW' Differential T-Tuner. Took me
> about two days before the roller inductor melted into
> a pile of goo.
>
> But MFJ's service is as good as thier product - after a long
> international telephone call I convinced them to send me a
> new roller inductor instead of sending back the tuner and they
> did - in a nice white box with 'REJECT' written in red on the
> outside of the box. The 'new' roller was so warped it wouldn't
> roll.
>
> In my opinion, they live up to thier name - Mighty Fine Junk.
>
> 73, Jim KH2D
>
> What kind of company would send rejected parts to a customer???

3422. Need Info on Yaesu Twins

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: azoth@netcom.com
Message-ID: <azothDsFqLF.10E@netcom.com>
Source record: 200204

Hiyall,

I'm looking for some background info on the mid-70's vintage Yaesu twins, the FL-101 Tx and FR-101 Rx. When were they made/sold, how much did they cost, were they popular, how do they compare to the Ft-101 series of transceivers performance-wise, that sort of thing. I know that there were both digital and analog readout versions of the FR-101; was there ever a digital version of the transmitter? Does the FR-101 use the same 6 and 2 meter converters as the Ft-101? The FM board? I'd like to talk with anybody that uses this gear. TIA.

73 de KF4FJH - RF Buchanan

3423. Re: What ham wives really think.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31B36126.6EBD@southwind.net>
Source record: 200205
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher wrote:
>
> The following really is the view of the typical ham wife.
> The reason they are that way has to do with the way the ham is.
>
> ---
>
> The following is a reprint from The Madison Institute Newsletter,
> Fall Issue, 1894:
> ====

{snip - boy I love that delete key!}

I noticed the source - 1894? Oh yea, that has a lot of relevance to ham
radio.

Ken Bessler KG0WX

3424. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31B36236.583D@southwind.net>
Source record: 200206
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Pieter Ibelings wrote:
>
> Good luck K1 OINK!

Awww come on, Pieter! As an extra class ham, you should be able to flame
Burt's butt better than that! You should see his picture:

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif
--

Ken Bessler KG0WX

3425. FS. Dual Band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Montbach/Bartlett <caspar@tiac.net>
Message-ID: <31B36531.5FAA@tiac.net>
Source record: 200207

Hi All, I have an Alinco dj-560 2m-440 ht. Radio is in very good cond. Comes with 3 700 mAh batteries, a mastercharger II 2 hr charger, a motorola spkr mic and a high gain dual band duck. I will ship next day for $250 or a close best offer, or will trade for A P110 or similar commercial ht. I can be reached at 617-491-2680 till 11 pm est or via email. 73, Will, N1PXA

3426. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: rogerv@sco.COM
Message-ID: <4ovq98$fal@hobbes.sco.COM>
Source record: 200208
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

This is obviously just flame bait, ignore it.

-Roger (KE6GL)

>> Burt grow up and rip up your licence!!!!!!
>> you must not be a ham.. just a pig.!!!!!
>
>No a pig is a contester or a welfare woman

3427. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Patrick Cook <pcook@nexus.interealm.com>
Message-ID: <Pine.SOL.3.91.960603184336.24017E-100000@spieg.interealm.com>
Source record: 200209
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Hi everyone:

On 31 May 1996, Guy Teague wrote:

> I support putting Mr. Fisher in Low Earth Orbit.

Given what I just read from Burt, I wouldn't mind if the Space Shuttle
were to kindly deposit him on THE MOON!!! Forget Low Earth Orbit!!!

Patrick, KB0OXD
Denver, CO

3428. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B387D4.2649@ccsnet.com>
Source record: 200210
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

shed@n-jcenter.com wrote:

> I think your article is flame bate. If you truly belive what you just
> wrote, you are moron. If you were just trying to be "cute" you should
> clarify in a followup article before your peers realize you are a
> moron too.

Of course I believe what I write. You say I flame bait but you
use the word moron.

> Nothing personal.

What bullshit, you call me names and say "nothing personal".
You did not call my postion moronic, you called ME that.
That is personal.

#================#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#===#| k1oik@ccsnet.com
|
#===#
I never make the mistake of arguing with people for whose opinions I
have no respect.
Edward Gibbon

3429. Triplet Model 1295 Modulation Meter Info?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: daddydavid@aol.com
Message-ID: <4p02ja$a5a@newsbf02.news.aol.com>
Source record: 200211

Triplet Model 1295 Modulation Meter

Does anyone have any information on a Triplet Model 1295 Modulation Meter. Its from the 30 s and has 2 panel meters: one for carrier , one for % modulation. Inputs are ground and antenna. It is line powered.

Any help would be appreciated?

de N9PVF

DaddyDavid@aol.com

3430. Mod tm-241a?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: Ed Messenger <gsa00010@mail.wvnet.edu>
Message-ID: <19960603.214652.859444.NETNEWS@WVNVM.WVNET.EDU>
Source record: 200212

I'm looking for additional info on a mod for a Kenwood TM-241a. I have performed the mod listed on QRZ. By cutting the green wire, it transmits on 142-144 & 148-152 Mhz, but the additional mods doesn't seem to work. Any additional info would be appreciated. Thanks in advance!

Ed N8OYY
email messengr@wvlc.wvnet.edu

3431. FT-50R MARS MODIFICATION. QUESTION

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: egg117@carroll.com
Message-ID: <4otd71$6b7@ruby.interactive.net>
Source record: 200308

I heard the first mod that was released from Japan had some sort of fault in it. Has there been any newer releases of the mods? Is it safe to buy the FT50R?

3432. REQ Hallicrafters s-38e Reciever info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: dug@microagewny.com
Message-ID: <4ota2i$ijv@mawny.microagewny.com>
Source record: 200309

need - Service manual--Sams-Operators manual for the above radio
Thanks in advance

3433. Standard C5900DA - Anyone got one? Comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: kwon2m@ix.netcom.com
Message-ID: <31b23f29.476639@nntp.ix.netcom.com>
Source record: 200310

Anyone out there have one of the new tri-band (50/144/440 mhz)
Standard C5900DA's? If so, any comments, pro or con, would be
appreicated. Thanks!

3434. ICOM 2340 800MHz mod anyone?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-03 00:00:00 UTC
From: ccsys@interport.net
Message-ID: <31b24495.3656617@news.interport.net>
Source record: 200311

Has anyone gotten the Icom 2340 to receive on 800-900 like the 2410? Mine has the front-end module installed but after much diode-testing and jumper-changing I still haven't had any luck. The ICOM techs I've asked have changed the subject very quickly. Anyone know if it's a cpu swap???

Andrew
N2CBU

3435. USER OBSERVATIONS WANTED on IC-706, DX-70T, FT-900CAT, etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <4p01nb$kf5@nntp-1.io.com>
Source record: 200024

I'm looking for users views, and impressions on the following rigs; IC-706, DX70T, FT-900CAT, TS-50S, or
any of the truely "sub-miniture" HF rigs that are on the current market. (No dealers, PLEASE!)

Matthew A. Erickson
INTERNET ADDRESS; kk5dr@io.com
Location; "Middle-of-nowhere" (otherwise known as Paige,Tx.)
Occupation; Temporary resident of planet earth, (sometimes I'm the windshield, sometimes I'm the bug.)
Motto; "Infidilus non-carborundum" & "Carpia Deium" (thats latin, you know)

3436. Re: Voice Band Equalizer Advice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: kc4pe@cbus.mindspring.com
Message-ID: <4p046l$1dq2@mule2.mindspring.com>
Source record: 200025

k2wk@crystal.palace.net (Walt Kornienko) wrote:

>Howdy. I am wondering if anyone knows of a good audio
>equalizer that is specifically designed for voice band
>applications, i.e. 250 Hz to 4,000 Hz?

>Any design ideas for building one will also be appreciated.
>I am handy with a soldering iron, hi.

> 73 de Walt - K2WK

>--
>**
>* *
>* 73 de Walt Kornienko - K2WK (FRC) *
>* k2wk@crystal.palace.net or K2WK@N2ERH.NJ.NOAM *
>* *
>**
Walt:
The Rane PE17, has five frequency bands, all tunable from 20 to 20K,
it will work nicely, with 1&2 set up from 20 to 200Hz, bands 3&4 set
from 200Hz to 2K, and band 5 from 2K to 20K. Works well, as most of
your adjustment will be around the 2.8 Hz mark. Hey, tune in to the
HiFi SSB audio net each morning from 7 to 8:30am est.
Bill - kc4pe

3437. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DsGAo5.MsF@iglou.com>
Source record: 200026
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

All MFJ tuners are of comparitively poor quality. I use their smallest, el-cheapo, no meter, no switch tuner in my van that I got for almost nothing. It works because:

1. My swr is low anyway.
2. I run less than 100 watts.
3. I don't care!

All their tuners are toys. I've had their bigger ones and they always arc on certain bands. Their little cheap baluns melt. I had a 941 and to make it work on 160 meters I removed the lid. Yes, the coil is crammed in their vertically! The lid is so close to the end of the coil that the inductance is greatly reduced not to mention the extra losses.

Alas. What to recommend? Some of the old Dentron tuners were better built. Look for them at a hamfest. I have a Drake MN7 that's built like a tank. You can pick these up for around $125 or so at a hamfest. Want mine?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3438. Re: Needed: FM stereo multiplex ICs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: bosch@mcs.com
Message-ID: <4p05cg$hah@Nntp1.mcs.net>
Source record: 200027
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.shortwave

In <robert.833770310@kd3bj.ampr.org>, robert@kd3bj.ampr.org (Robert E. Garland) writes:
>
>Once upon a time ... National Semiconductor had a chip for stereo
>multiplex and SCA in their catalog. You might call the nearest office
>and ask if such an thing is still available.
>

There still is...it's the LM1800 (still around after 15 years). If you have a
WWW browser available, you can download the data sheets from National
Semiconductor's part database (http://www.natsemi.com or http://www.ns.com
your choice). You need Adobe's Acrobat Reader in order to see the specs,
though....

Andrew
bosch@mcs.com

3439. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: jkolin@cloud9.net
Message-ID: <4p088q$14u@news.cloud9.net>
Source record: 200028
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4olsol$5li@dfw-ixnews8.ix.netcom.com>, travisp@ix.netcom.com (Gerald Phillips) says:
>
>I am thinking about buying an MFJ HF tuner (specifically the 300w one
>with dummy load, etc.) Looking on some feedback about them and any
>expereiences (good or bad) folks have had. Also reccomendations on
>other tuners is fine also. Thanks.
>
>KE4MBD
>Gerald

Their 3KW tuner handled about 2Kw for about 10 seconds before smoke started.

Jay NE2Q
>

3440. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: caveman@castles.com
Message-ID: <4p083j$hps@chewy.castles.com>
Source record: 200029

They are only $35 out here.

They will take out multiple (so far, all I can test is 2) heterodynes simultaneously and the CW sharp (narrow) mode is better than the CW narrow filter in my TS-430S.

I approve. I bought a spare.

What I mostly wanted is the elimination of 'whistles' as they call them on the box and it does that quite well! The rest is gravy and for the price, it is quite nice.

I just leave it in in wide mode unless I need to tighten down a bit.

I do not notice any additional noise from the unit yet. The bands have been a bit noisy lately.

_/_/ _/_/ _/ _/ _/ _/_/_/_/
_/ _/ _/ _/ _/ _/ _/ _/ Mike/AB6NN
_/ _/_/ _/ _/ _/_/ _/_/_/ Caveman@Castles.com
_/ _/ _/ _/ _/ _/ _/ Fully MIME capable
_/ _/ _/ _/ _/ _/_/_/_/_/

3441. BAND THREAT: Sample Letter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: arden@teleport.com
Message-ID: <4p0900$hgp@nadine.teleport.com>
Source record: 200030

```
**************************************************************************
Arden Eby
Internet: arden@teleport.com
Packet Radio: KI7FG@KA7AGH.OR.USA.NA
Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
**************************************************************************
```

3442. Re: Ft50 and ic 7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Rod Thompson <rts@mail.ro.com>
Message-ID: <4p09c9$lg9@news.ro.com>
Source record: 200031

David_Edger@fforum.blkcat.com (David Edger) wrote:
>I only wish it(IC-T7A) had 800MHZ coverage. Great little
>radio. 73

It does! Press the band key and moni key while turning the unit on. Now when you step through the band (band key) the radio will go to 144, 300, 430, and 800MHz (cellular block). Also there is a programming kit available for the IC-T7A that allows you to program all the features of the radio from a PC computer. The kit includes the software and cable.

Rod Thompson
RT Systems, Amateur Radio Supply
8207 Stephanie Dr
Huntsville AL 35802
1-800-723-6922 1-205-882-9292

3443. FS: Kenwood TS-690S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31b3a691.81609958@news.netins.net>
Source record: 200032

I have a mint condition TS-690S transceiver for sale.
HF and 6 meter all modes. Great radio. Continuous
receive from 30 KHZ to 60 MHZ. I can be reached at
515-669-7501 and you can leave a message if I don't
get right to the phone. Of course email is OK as well.
Thanks and 73, Alan (KE3OK@netins.net)

3444. FS: Timewave DSP-9

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31b3a835.82030116@news.netins.net>
Source record: 200033

I have a Timewave DSP-9 for sale.
I can be reached at 515-669-7501
and you can leave a message if I don't
get right to the phone. Of course email
is OK as well.

Thanks and 73, Alan (KE3OK@netins.net)

3445. FS: Yeasu FL2100-B HF Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31b3a8a6.82143323@news.netins.net>
Source record: 200034

I have a mint condition Yaesu FL2100-B HF amp for sale.
I can be reached at 515-669-7501 and you can leave a
message if I don't get right to the phone. Of course email
is OK as well.

Thanks and 73, Alan (KE3OK@netins.net)

3446. FS: 2 Icom mobles

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31b3a926.82270587@news.netins.net>
Source record: 200035

I have a for sale two Icoms. One is an IC-27H 2 meter rig.
Its in good shape as I have only used it for packet. 45W out,
10 memories. The other is an IC-3210 dual bander. 20 memories
25W out good condition.
I can be reached at 515-669-7501 and you
can leave a message if I don't get right to the phone. Of
course email is OK as well.

Thanks and 73, Alan (KE3OK@netins.net)

3447. FS: KAM +

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31b3aa67.82591661@news.netins.net>
Source record: 200036

I have for sale a KAM + allmode TNC.
Packet, Pactor, Baudot, CW, Amtor.
Comes with Hostmaster software.
I can be reached at 515-669-7501 and you
can leave a message if I don't get right to the phone.
Of course email is OK as well.

Thanks and 73, Alan (KE3OK@netins.net)

3448. Re: Voice Band Equalizer Advice

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4p0aqs$3hm@crash.microserve.net>
Source record: 200037

kc4pe@cbus.mindspring.com (Bill Winkis) wrote:

>Hey, tune in to the HiFi SSB audio net each morning from
>7 to 8:30am est.

I take it this net is somewhere between 1.8 MHz and 30 GHz? ;)

73,
Jack WB3U

3449. FS: Siltronix Watt Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31b3ab0f.82760006@news.netins.net>
Source record: 200038

I have a Siltronix FS-301 Watt meter.
This is the one with the big and easy
to read face. Measures FWD, REV
and calculates SWR. 1KW max input.
Very nice meter.

I can be reached at 515-669-7501 and you
can leave a message if I don't get right to the phone.
Of course email is OK as well.

Thanks and 73, Alan (KE3OK@netins.net)

3450. FS: Astron & Diawa power supplies

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31b3abec.82981156@news.netins.net>
Source record: 200039

Thanks for reading my message. I have a Diawa PS-140II 10 amp power supply and an Astron 25 amp power supply for sale. Both are in good condition.

I can be reached at 515-669-7501 and you
can leave a message if I don't get right to the phone.
Of course email is OK as well.

Thanks and 73, Alan (KE3OK@netins.net)

3451. Re: FS: Kenwood TS-690S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31b3acf2.83243121@news.netins.net>
Source record: 200040

On Tue, 04 Jun 1996 03:06:16 GMT, ke3ok@netins.net (KE3OK) wrote:

>I have a mint condition TS-690S transceiver for sale.
>HF and 6 meter all modes. Great radio. Continuous
>receive from 30 KHZ to 60 MHZ. I can be reached at
>515-669-7501 and you can leave a message if I don't
>get right to the phone. Of course email is OK as well.
>Thanks and 73, Alan (KE3OK@netins.net)

Forgot to say that the radio comes with a MC-60 mike.

Alan

3452. Antenna for Icom IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: "Donald P. Davis Jr." <donaldd@chelsea.ios.com>
Message-ID: <4p0bd8$96a@news.ios.com>
Source record: 200041

Picked up a 706 last week and wonder which antenna anyone else has chosen for mobile use. I leaning towards the Diamond unit which is the same as the Comet in some ways but is a lot cheaper. Would also get the 40meter element to the antenna and have 2/6/10/40 meters on the road. Anyone have either or what are your suggestion?

3453. Antenna for Icom IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: "Donald P. Davis Jr." <donaldd@chelsea.ios.com>
Message-ID: <4p0bf3$96a@news.ios.com>
Source record: 200042

Picked up a 706 last week and wonder which antenna anyone else has chosen for mobile use. I leaning towards the Diamond unit which is the same as the Comet in some ways but is a lot cheaper. Would also get the 40meter element to the antenna and have 2/6/10/40 meters on the road. Anyone have either or what are your suggestion?

3454. Antenna for Icom IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: "Donald P. Davis Jr." <donaldd@chelsea.ios.com>
Message-ID: <4p0bms$96a@news.ios.com>
Source record: 200043

Picked up a 706 last week and wonder which antenna anyone else has chosen for mobile use. I leaning towards the Diamond unit which is the same as the Comet in some ways but is a lot cheaper. Would also get the 40meter element to the antenna and have 2/6/10/40 meters on the road. Anyone have either or what are your suggestion?

3455. Antenna for Icom IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: "Donald P. Davis Jr." <donaldd@chelsea.ios.com>
Message-ID: <4p0bnv$96a@news.ios.com>
Source record: 200044

Picked up a 706 last week and wonder which antenna anyone else has chosen for mobile use. I leaning towards the Diamond unit which is the same as the Comet in some ways but is a lot cheaper. Would also get the 40meter element to the antenna and have 2/6/10/40 meters on the road. Anyone have either or what are your suggestion?

3456. FS: TI C5x DSP Starter Kits (DSKs)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: cole@netcom.com
Message-ID: <coleDsGK8r.I3A@netcom.com>
Source record: 200045
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I still have a few TI 320C5x DSKs (DSP Starter Kits) for sale. The TI part number is TMDS3200051. They are all brand new and have never been opened.

These kits are designed for students, experimenters, and developers who need a simple, low-cost way to prototype DSP-based applications for the TI 320C5x series of DSP chips. The kit includes a small (2.5" x 4") PC board with a TMS320C50 processor, a TI Analog Interface Circuit (AIC) chip with 14-bit A/D and D/A capable of sample rates to 19.2 K samples/sec, RCA jacks for analog I/O, and a 9-pin RS-232 host interface. The kit also includes a simple assembler, loader and debugger for the PC, a kit manual and a TMS320C5x manual.

The latest versions of the software as well as several user-written demo programs can be downloaded from the TI BBS, accessible via TI's FTP host ftp.ti.com, in directory /mirrors/tms320bbs. The board requires a 9 volt *AC* power supply capable of >250 ma. A 9 VAC 780 ma supply with the right plug is available for $8.99 from Radio Shack (Part # 273-1630).

TI sells these through distributors for $99, and purchasing them through distributors can be a hassle. I'll sell them for $60 each shipped within the US. Terms: Price is firm. The units are guaranteed against DOA. Immediate shipment if payment is by USPS or other money order or cashier's check. Personal checks are OK but I'll wait for them to clear. No CODs, please.

Randy Cole
KN6W
cole@netcom.com

3457. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4p0ihn$m54@explorer.csc.com>
Source record: 200046
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Patrick Cook (pcook@nexus.interealm.com) wrote:
: Hi everyone:

: On 31 May 1996, Guy Teague wrote:

: > I support putting Mr. Fisher in Low Earth Orbit.

: Given what I just read from Burt, I wouldn't mind if the Space Shuttle
: were to kindly deposit him on THE MOON!!! Forget Low Earth Orbit!!!

: Patrick, KB0OXD
: Denver, CO

Ahhh - but then you lose that beautiful *** re-entry *** !!!
<G>

--
Cheers 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Don't you eat that yellow snow" F Zappa

3458. Radio scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: lottsim@aol.com
Message-ID: <4p0pd0$k24@newsbf02.news.aol.com>
Source record: 200047

I was curious where to buy a radio wave "learning" remote. Just as they have infra-red remotes that can "learn," I was curious if they had the same thing for the radio wave side. I KNOW they do, as the device is found in several cars (BMW, Jaguar) to "learn" the garage remote. Any ideas?

Thanks,
Alex Rampell

3459. Re: Ft50 and ic 7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4p0t13$lbv@newsbf02.news.aol.com>
Source record: 200048

> I only wish it had 800MHZ coverage. <

Okay, try this: Hold down MONI and BAND, turn on POWER, and hold for at least 5 seconds. Release, then press BAND. The best things in life are free!

MarkN9SRT@aol.com

3460. Re: DUAL-BAND HT INFO??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4p0t9a$lfb@newsbf02.news.aol.com>
Source record: 200049

markn9srt@aol.com (Mark N9SRT) wrote:

>> I carry the T7A because it is MUCH smaller than the 51R, if both
>> radios have the 12-volt packs... the Yaesu is small with the smaller
>> battery

> In QST advertisements, the ICOM IC-T7A says it has "4W VHF OUTPUT -
> With optional 9.6V BP-173" battery. Since they do say something like
> "5 Watt output with 13.5V battery", they seem to imply that 9.6V is
> the highest voltage battery you can use, and, consequently you will
> need an adapter to use 12-13.8V from your auto. Can you advise me on
> this?

My fault... I was repeating what the salesman told me (RTFM, right?).
Years of
"the big battery" always being 12V has stuck with me, also. It is indeed
a 9.6V,and the output is 4W VHF, 3W UHF. On the "Specifications" page,
output with 13.5 is listed as 4W/0.5W VHF, and 3W/0.5W UHF (no different
from the 9.6V battery). External DC is listed as 4.5 to 16V DC negative
ground.

Sorry for any confusion!

MarkN9SRT@aol.com

3461. Re: Looking for repeater freq in Palos Verdes, CA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: doc@dxnet.com
Message-ID: <31b3d078.6101178@news.dxnet.com>
Source record: 200050

Hello, Gordon:

It is my UHF Repeater and here is the data:

Rx 445.3MHz
Tx 440.3MHz
PL 100Hz

All licensed hams are welcome to use the System. All I ask is that
you obey the rules and be courteous. :)

While the System IS listed as Private, guests are welcome.

73's
Uncle T.
WA6IGJ

On 28 May 1996 14:46:40 GMT, Gordon Lee
<Gordon.Lee@ElSegundoCA.ATTGIS.COM> wrote:

>A few months ago a owner of a repeater pair in Palos Verdes
>posted his freq and pl on this news groups. It is a private
>repeater, but he was openning it up to anyone who wanted to used
>it in the Los Angeles area. I lost all this information when I
>had to reset my radio. I would appreciate it if anyone out
>there has this information to pass it along.
>
>Thanks,
>
>Gordon
>KF6AWW
>

3462. Re: electronic dog collars (fenceless fences)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: doc@dxnet.com
Message-ID: <31b3d368.6853266@news.dxnet.com>
Source record: 200051

'Yep!

My good friend Carter (KD6GPW) installed one and it worked GREAT for about a WEEK, but the dog decided freedom was worth the one second jolt he got as he flashed passed the 'wire'... 'oh well, back to the drawing board!...

Uncle T.

3463. Re: Rubber Ducky Comparisons??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: doc@dxnet.com
Message-ID: <31b3d537.7315845@news.dxnet.com>
Source record: 200052

You have a major problem with the method mentioned in the reply
below...

The antenna feed point is no longer at the ANTENNA CONNECTOR on the
handheld, but at the OUTPUT CONNECTOR of the bridge in series. At UHF
and VHF frequencies, the added physical length of the bridge changes
the frequency/load of the antenna AND Bridge.

Somewhere Motorola published the chart to calculate jumper cables;
where the length of the coax jumper changed with frequency/band to be
checked! The lengths were calibrated/calculated for the width of a
Bird Model 43 Wattmeter (4" plus connectors).

Yes, I am correct. I took the time to find the book and it is the
1971 MOTOROLA COMMUNICATIONS PARTS & DATA HANDBOOK.
Page 28 specifies a 24" length of RG-8 at 146MHz and 5 1/2"
jumper at 445MHz, as calculated from the nomograph. Measure
'tip-to-tip'.

Rubber Ducky antennas are noted for dubious performance and radical
matching. The article noted that any VSWR higher than 1.5 makes VSWR
measurements even more critical.

Calibrate your VSWR Bridge with the correct jumper and see true
measurements/performance.

73's
Uncle T.
WA6IGJ

On 1 Jun 1996 03:28:37 GMT, macino@mail.fwi.com wrote:

>In <4noghp$oev@crl14.crl.com>, klausner@crl.com (Ben Klausner) writes:
>> Has anyone ever done any impartial performance comparisons on various
>> rubber ducky antennas? Specifically for 2M and 70CM.
>>
>> I look at things like the "Miracle Baby", and have to agree with the guy at
>> the Ham Store that "Baby, it would be a miracle if it worked." At least
>> that's the intuitive response looking at it.
>>
>> Anyone have hard facts on this and some of the others?
>>
>>--
>>---
>>Ben Klausner, N5DJL | "Beware of bugs in the above code;
>>klausner@crl.com | I have only proved it correct,

>>Austin, TX | not tried it." -- Donald Knuth
>
>
>Hi Ben,
> I use a Larsen dual band duck and have been real happy with it. For the heck of
> it, latch onto a VHF/UHF SWR meter and put inline with your duck. You wonder
> how they work at all! The Larson actually gave me a reading below 2.0 to 1.
> The HT (TH77) ran much cooler with the Larson vs the Kenwood original.
>
> 73's WD9AHF

3464. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4p0uaq$4uc@lehi.kuentos.guam.net>
Source record: 200053
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Maybe "Robert M. Fekete" <cs@voyager.net> wrote:

>> What kind of company would send rejected parts to a customer???

MFJ.

73, Jim KH2D

3465. F.S.>Icom 38A 220 MHz Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: dwc@crl.com
Message-ID: <4p18ef$7br@nntp.crl.com>
Source record: 200054
Cross-posted to: rec.radio.swap,houston.forsale,rec.ham-radio.swap,rec.radio.amateur.swap,rec.radio.amateur.equipment

I have an Icom 38-A 220 MHz mobile radio for sale. The radio is very
clean, and has the orignal mobile mounting bracket, and microphone.
Asking $225.00 shipped.
e-mail to dwc@crl.com

3466. Re: Anyone got a service manual for President Lincoln??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4p19ks$jv@nntpa.cb.att.com>
Source record: 200055
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.homebrew

In article <31AC5EAF.71AF@ee.port.ac.uk>, finskase@ee.port.ac.uk says...
>
>As the subject tells, I am looking for a service manual for President
>Lincoln.
>If you have one, please mail me. I would be interrested of a copy.
>
>Erik
>--
>Erik Finskas M1AAJ & OH2LAK
>Email Finskase@ee.port.ac.uk
> Lakki@clinet.fi
>University of Portsmouth, UK
>Department of Electric and Electronic Engineering

Even if you get a copy of the manual, parts are going to be a real problem!

Rob WB8WQA

3467. Re: Quick Call 2?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4p1aq0$jv@nntpa.cb.att.com>
Source record: 200056

>CTCSS "subaudible" is a bit of a misnomer, you can hear it, but it is not
>very loud... more like a light buzz.

The term subaudible is correctly used in radios properly designed for it. These units include high-pass filtering in the receive audio section to prevent CTCSS tones from coming through to the speaker. The idea was that since all the tone frequencies are below the human speech frequency range, a filter could be used without effecting voice quality. Many ham radios do not include this filtering, thus the tone noises. Also, it is important to make sure that the tone modulating the transmitter is clean (free of harmonics). Often, the "buzz" which is heard are harmonics of a dirty tone generator.

Rob WB8WQA

3468. FT-50 connector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: rtw@fuwutai.att.com
Message-ID: <4p1bt3$jv@nntpa.cb.att.com>
Source record: 200057

Anyone found a source for the goofy 4-conductor speaker/mic/clone plug on the FT-10/40/50? I know Yaesu sells something called a microphone adapter which converts to the standard speaker/mic jack. I am looking for the connector itself.

Rob WB8WQA

3469. What's Burts attenuation?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Siegfried Rambaum <siram@light.lightlink.com>
Message-ID: <Pine.SUN.3.91.960604090613.7693C-100000@light.lightlink.com>
Source record: 200058
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

> > I support putting Mr. Fisher in Low Earth Orbit.
>
> Given what I just read from Burt, I wouldn't mind if the Space Shuttle
> were to kindly deposit him on THE MOON!!! Forget Low Earth Orbit!!!

Only after you established his attenuation values!!!! I wanna try EME
eventually..... If comparable to peanut butter, forget it !

3470. Re: FT-50 connector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Bill Young <byoung@qni.com>
Message-ID: <01bb5224.8760f800$13721dce@noteswrk1.BANCSHARE.BOATMENS.COM>
Source record: 200059

Rob,

Not yet! I've had my FT-10 (which I dearly love) for several months. During that time I've checked every electronic parts source known to me (local, catalog, regional, etc....) with no luck. I eventually broke down and bought both an adapter (for use with a TNC) and a speaker mic. I'm still looking for the plug for some other projects. Yaesu said the plug would be available as a part sometime in May, but when I called last week that was not yet for real. If (when!) I find it, I'll let the world know...

Bill Young
byoung@qni.com
KB0UZQ

> rtw@fuwutai.att.com (Rob Whitacre) wrote in article
<4p1bt3$jv@nntpa.cb.att.com>...
> Anyone found a source for the goofy 4-conductor speaker/mic/clone plug
on the
> FT-10/40/50? I know Yaesu sells something called a microphone adapter
which
> converts to the standard speaker/mic jack. I am looking for the
connector
> itself.
>
> Rob WB8WQA
>
>

3471. Transmitting Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: showcase@best.com
Message-ID: <showcase.10.0007B98D@best.com>
Source record: 200060

I'm looking for a source of electronic transmitting tubes for a 2-meter amplifier. I'm looking for a couple of tubes that will handle the full legal limit. Any sources?

Thanks. 73s

Jim WA6WJI

3472. Want Standard C158A Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Azureh2o@gnn.com
Message-ID: <4p1iau$3de@news-e2b.gnn.com>
Source record: 200061

Would like to know of any mods to improve the memory of the C158A. Being limited to 3 PL tones
at a time sucks. Also how to increase volume. Tnx 73

3473. Comments? IC735/TS430/FT757

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: cmd@ihgp7.ih.att.com
Message-ID: <4p1hhl$81u@ssbunews.ih.att.com>
Source record: 200062

I am looking to buy an HF rig from the mid 80's. I'm looking for features like: noise blanker, notch filter, 3 or more memories, phone patch capabilities, general coverage receive. I think the TS430, FT757GX & IC735 would fit the bill. Any idea of which is the better choice? And what would a good condition unit sell for without power supply? I would like to spend $500 or less..... am I crazy??

Thanks for your comments
Craig KB9HCQ

3474. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4p1orr$22e@newsbf02.news.aol.com>
Source record: 200113

Let's all be perfectly clear about this. NONE of the tuners produced today are properly rated. The reason is simple, and contrary to what has been stated Dentron was a major contributor--not the pillar of honest ratings. How do I know? I have done consulting work for many of the manufacturers and personally know the people that wrote advertisements, and that included the owner of Dentron. I have pressured several manufacturers and advertising departments on this issue, all to no avail.

The power rating system used for tuners today stems from years ago when transmitters were rated by dc input power. For example, the SB-220 and L4B were designed (and this is first hand knowlege) as 1000 watt dc input CW amplifiers (500-600 watts RF carrier output). These amplifiers were called 2 KW amplifiers, because on voice peaks the dc plate input could reach 2000 watts (the actual design PEP output was 1000-1200 watts peak).

Tuners still follow that "system". Even though amplifier ratings changed, tuners never changed with them. A 2000 watt tuner is typically designed to operate with about 600 watts of RF carrier throughput under ideal conditions.

Dentron, makers of some of the least efficient amplifiers, moved the rating up a few notches. Some of their amplifier ran 3000 watts PEP input and delivered 600-700 watts CW output. Because of that, and just to keep things in perspective, everyone else increased their ratings.

The final result is true RF power handling of almost any tuner is about 1/3 to 1/2 of the "advertised or name value". But it keeps getting worse. Let me give a few more examples.

The Vectronics 3 kW tuner uses the same troublesome roller that MFJ recently abandoned, and SMALLER capacitor plate spacing. It handles even less power uner the same load conditions. Of course you could buy a patented $1000 tuner with NO warranty that uses the same roller size as these tuners (but on a higher melting temperature ceramic form) and doesn't even have the case properly grounded. That one will squeak by at 1500 watts with a high Z load, except you get no balun or balanced output.

In my opinion, everyone should DEMAND tuners be rated by the true RF power capability under a given set of conditions, and not some nebulious system that means absolutely nothing.

The power rating system used by ALL tuner manufacturers today means absolutely nothing, it simply indicates the capacitor size. Many amateur equipment ratings (I'm still upset about the useless weight control and the character shortening on QSK CW in my IC 706) are almost worthless. The problem is bigger than one manufacturer, and it will continue to grow.

The truth is, if someone made a good tuner and advertised it truthfully, no one would buy it. It would look like too little for the money.

73 Tom

3475. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Rolfe Tessem <rolfe@ldp.com>
Message-ID: <31B45684.167E@ldp.com>
Source record: 200114

Steve Dobak wrote:

> MFJ makes some fine stuff?? Could you please tell me what I missed
> as I am not aware of it. Steve wb3amg

I'm no fan of most MFJ equipment, and their tuners do indeed sound like junk. However, I'm very impressed with their antenna analyzer and with their top-loaded 80 meter ground-mounted vertical. Good workmanship in both cases and a reasonable price.

FWIW, my favorite tuner is the 1 KW version of the Johnson Matchbox, which will easily handle maximum legal power continuously and which is still widely availably on the used market. I just saw one on rec.radio.swap today in fact. My other favorite, which is in current production, is sold under both the Vectronics and Tucker brand names. This also handles maximum power easily, with no discernable heating even after 1500 watts contiuous output on RTTY for many minutes. The Collins 180S-1 is also a nice tuner, although you need to add a balun to feed balanced line.

Rolfe
W3VH
--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

3476. Re: Plantronics Headsets

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-0406961217340001@145.39.1.10>
Source record: 200115

In article <9605038338.AA833819942@inetgate.ushmm.org>,
Daniel_F._Stiles@inetgate.UShmm.ORG (Daniel F. Stiles) wrote:

> Does anyone have any data on the Plantronics
> "Starset" type headsets.
>
> (many lines deleted)
> The things are very comfortable to wear for
> extended periods and I would like to put one on my
> HF rig. My question is: The mic element appears
> to be a dynamic type element. Can the board be
> used as a pre-amp by supplying phantom power and
> has anyone done it. The are 2 diodes across the
> earphone that function as clippers for excessive
> audio.
>
> Any info would be appreciated
>
> 73, Dan KB1BG
> dstiles@ushmm.org

No, they are bias-powered. The carbon microphone simulation you have
built is exactly how they operate when connected to a telephone as
originally intended. Any voltage from 8 to 48 VDC should work OK, as you
have already discovered.

Now you know the purpose for most of the electronics on the PC board -
it's an audio amp. You are correct about the signal limiting diodes on
the receive side - leave them in place and protect your eardrums from
static crashes!
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3477. Re: ft-2500m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-0406961227360001@145.39.1.10>
Source record: 200116

In article <31B22C93.47C5@abaco.coastalnet.com>, Doug & Janet
<cn2590@abaco.coastalnet.com> wrote:

> I have just purchased a new FT-2500m to replace the FT-2400 in my boat,
> which I need to use at higher frequencies than are currently trapped-out.
> Can someome tell me what file to download to get the right mods?? de
> N1OUD Thanks in advance

X-Newsreader: Microsoft Internet News

Operation of a non-type accepted radio such as an amateur transceiver on
marine or other private radio frequencies is a violation of FCC Rules.
The FCC warning notice below specifically mentions the 10M CB problem, but
the rules quoted also apply to extended transmit capabilities beyond the
2M and 430-450 ham bands.

These types of notices usually mean some forthcoming action from the FCC.
We'll see if they actually order manufacturers to stop making amateur
radios capable of being opened up for all band TX. This may finally be
the start of new enforcement action to control illegal operation of
amateur equipment.

PUBLIC NOTICE
FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET NW
WASHINGTON, D.C. 2055462882

News media information 202/418-0500.
Recorded listing of releases and texts 202/418-2222.

May 13, 1996

Extended Coverage High Frequency Transceivers

The purpose of this Public Notice is to clarify the Commission's
Rules regarding equipment that is intended to operate in various radio
services in the high frequency radio spectrum, including "10-Meter"
Amateur Radio Service (ARS) equipment.

The Commission has noted that a number of transceivers imported as
ARS equipment are also capable of transmitting and are being operated in
nearby frequency bands allocated to other radio services such as the
Private Land Mobile Radio Services, Maritime Services, Auxiliary Broadcast
Services, International Broadcasting Services, the Citizens Band Radio
Service, and the U.S. Government. Operation of this equipment causes
interference to the authorized users of these frequencies. Some of these
transceivers are capable of using output powers or emission types which

are not permitted for the radio services listed above and some are capable of transmitting in the radio astronomy band where no two-way radiocommunication is permitted. Some manufacturers are promoting the sale of conversion kits, or have designed their transceivers such that they can easily be modified by the users, to extend the operating frequency range into the frequency bands listed above. In addition, so called "export" radios which are deliberately designed to facilitate this capability are also being imported and marketed.

Manufacturers, importers, vendors and users of these transceivers are reminded that transmitters intended for operation on frequencies allocated to any of the FCC authorized radio services listed above, except the ARS, must be type accepted by the Commission for the particular radio service(s) in which they are intended to operate prior to their importation, marketing or use. The Commission considers that the transceivers discussed above are intended to be operated on frequencies where the use of type accepted equipment is required, because of the simplicity of modifying them to extend their operating frequency range. Transmitters designed and intended for use only in the ARS must comply with the applicable technical standards contained in Part 97 of the Commission's Rules but are not required to be type accepted.

It is a violation of the Commission's regulations to:
(1) import or market a transmitter that is designed or intended to operate on frequencies outside of the ARS bands, if it has not been issued a grant of equipment authorization for the radio service(s) in which the transmitter is capable of operating;
(2) import, market or operate a transmitter that requires a grant of equipment authorization but for which no grant has been issued; or,
(3) transmit on a frequency allocated to a licensed radio service without the appropriate Commission-issued station license.
Violation of the Commission's regulations will subject manufacturers, importers, vendors and users of this equipment to appropriate criminal penalties as provided for by federal law(s), including fines and/or imprisonment. In addition, the equipment described above can be seized by, and forfeited to, the government.

For further information concerning this Public Notice, contact Gary Hendrickson at the FCC Laboratory, 7435-A Oakland Mills Road, Columbia, Md. 21046, (301) 725-1585, Extension 223, or E-mail: ghendric@fcc.gov.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3478. Re: Looking for ultra-compact HF xceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Randall Rhea <randall@informix.com>
Message-ID: <31B467A4.1F49@informix.com>
Source record: 200117

bruce varley wrote:
>
> I am looking for the most compact possible HF SSB set, for backpacking
> into remote areas. Needs to have sufficient power for moderately
> reliable communication up to several hundred Km.

As you probably know, completely reliable HF communication to hundreds
of km is very difficult. It depends on atmospheric conditions, time
of day, and the frequency you select. Usually, you can select an
HF band that will do the trick for a particular time, but not always.

> Full band coverage
> not required, but one good day and one good night band would be
> beneficial. Envisage using wire antenna such as a halfwave dipole.

If you want high reliability, I would select a rig capable of
working all the HF bands.

What will be your power source? There are lots of very small
HF rigs on the market today (Icom 706, Kenwood TS-50, Alinco,
Ten-Tec Scout), but the problem with size and weight is the power
source. If you are backpacking and are not interested in hauling a
big 12v battery, your choices are limited.

There are small battery-operated HF rigs on the market, some of which
are inexpensive and/or kits. MFJ sells a full line of assembled units
for SSB and CW, but I believe all of them are single-band. Ramsey
also sells inexpensive kits. A good catalog is located at www.tucker.com.
The problem with these battery-operated systems is low power (usually
1 or 2 watts); the best mode for QRP power levels is CW (morse code).
You can reliabily communicate at this power level, but you need to
develop some CW skill.

--
==
Randall Rhea randall@informix.com
Informix Software, Inc. Sr. Systems Engineer

3479. Motorola Syntor programming

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: william.r.jones.1@gsfc.nasa.gov
Message-ID: <4p1n68$3lf@post.gsfc.nasa.gov>
Source record: 200118

Does anyone have the programming algorithm for a high-band Syntor
(256X4 PROM,not SyntorX)?

3480. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: km6xu@wco.com
Message-ID: <4p1rc7$oqf@news.wco.com>
Source record: 200119
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Curtis D. Levin (cdlevin@kd4zkw.shadow.net) wrote:
:
: At the risk of being redundant, does anyone know if the list for these
: freqs include 33cm, and if they do, write your congressman, and tell him
: that that would be a great band for LEO...

You've gotta be kidding! 900 MHz has got more unlicensed
low power services than any other band. They would never
be compatible with satelites. Why can't these guys simply
use microwave? THINK before you write your congressman...

Cheers -- Mark

--
***** Mark Walsh ***** km6xu@wco.com *****

3481. RE: Using the MLA 2500 on the 17 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: lawrence.wald@lerc.nasa.gov
Message-ID: <4p1s2b$igh@sulawesi.lerc.nasa.gov>
Source record: 200120

Hi, has anyone operated their 2500 on 17 meters? Will be picking one up
tomorrow and would like to know if anyone has used there's on that band.

Thanks,

Larry, KE8GW

--
==========
Lawrence.Wald@lerc.nasa.gov
NASA Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135
MS 500-202
v(216) 433-5219
f(216) 433-8660
==========

3482. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <4p1o7g$90@news.jf.intel.com>
Source record: 200121

>They will take out multiple (so far, all I can test is 2) heterodynes
>simultaneously and the CW sharp (narrow) mode is better than the CW narrow
>filter in my TS-430S.

I'll second that and I have a 250 hz filter in my TS-430 which rings,
attenuates, and sounds weird. The Radium Shack DSP does none of that
and works as good or better for CW.

A couple of comments on my recent purchase for $35:

The headphone jack is MONO! I had to move one of the wires on my headphone
plug to get both ears working.

The freq. response WITHOUT the DSP on is 300-3000 hz which is not good
enough for me.

The 5 watt amplifier has about 10% distortion which is noticable to me.
I'll have to build a switch to cut the thing out and run the audio direct
to the speaker when I don't need the filter.

The DSP distorts voice audio a little on all modes and all width settings.

WA7LDV
--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

3483. IC uPC1241H cross wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: jco@convex.com
Message-ID: <4p1u28$gtf@slinky.convex.com>
Source record: 200122

I am looking for a cross reference for a uPC1241H audio output IC used
in the ICOM IC-738.

Please reply through e-mail

Thanks,
John KN5L

3484. HF-RIGS new version ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: modinaf@hqlab.ico.olivetti.com
Message-ID: <4p1gkd$l7g@doc.zippo.com>
Source record: 200123

I `m looking for new version of file HF-RIGS ,list of QST test
on rigs.
I have 5 version.
Thanks.

IK1VCF Modina Fabrizio

modinaf@hqlab.ico.olivetti.com

3485. Re: help with ringo ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <31B48BB3.7429@staffnet.com>
Source record: 200124
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Gregg Fine wrote:
>
> need tuning instructions for ringo ranger 2m.
>
> Gregg
> KF4AUY/AAT4ADSet the length per tuning chart (which I do no have) and adjust the ring tap for minimum SWR.

3486. Re: DUAL-BAND HT INFO??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: randymx@ssd.intel.com
Message-ID: <4p1vlr$spt@news.ssd.intel.com>
Source record: 200125

In article <4oj095$bg6@newsbf02.news.aol.com> markn9srt@aol.com (Mark N9SRT) writes:
>I have a Yaesu FT51R, and an Icom IC-T7A. (Also an Icom IC-T22A, but it's
>not a dual-bander). . .
>
>The T7A has an automatic squelch (that can be adjusted, but seems to work
>quite nicely, so I haven't had to), and a volume KNOB instead of the
>up/down buttons of the Yeasu FT51R...

The Yaesu FT51R can be programmed by the front panel to move the
volume control function to the knob on top, just as you prefer.

--
--
Randy D. Miller, KJ7UY
work: randymx@ssd.intel.com 503-677-5294, m/s CO3-105
home: tango@teleport.com

3487. Lithium Battery for IC735???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: discipio@crl.com
Message-ID: <4p21dq$lec@crl.crl.com>
Source record: 200126

Does anybody have recommendations on replacing the lithium battery in an IC735? My radio is six years old and I have the fear that one day the microprocessor's programming will vanish.

Regards,
Bill
--

"Plus Jim [Kennemur] does not call all blacks he disagrees with house niggers Jim [Kennemur] calls house niggers that he disagrees with house niggers. Big difference Dippy." -- Shawn Smith <sshawns@ccsi.com>

3488. Shure Microphone Availability

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4p25o1$dn6@pulp.ucs.ualberta.ca>
Source record: 200127

Hi,
I am looking for a decent non-amplified handmic or deskmic for my Drake TR7. I thought that the Shure 404C handmic or the Shure 444D deskmic would be good bets. HRO had the 404C several months ago, but no longer have them. Univeral Radio has the 444D in their newest catalogue, but I just talked to them, and they said that they were sold out, and that Shure were no longer making this product. I have not had much luck finding other non-amplified mics that might be suitable. All the available mics are designed for the big three. Does anyone know who might have some of these Shure mics as old stock, or any recommends for another suitable mic?
Thanks,
Chris VE6RDC

3489. Re: Free Buy/Sell/Swap Classified Ads

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: mfp@aros.net
Message-ID: <4p1h9d$o5e@news.aros.net>
Source record: 200128

In article <19960603124434.aaaa000J2@babyblue.cs.yale.edu>, brianr@tiac.net says...
>
>Post Free Buy/Sell/Swap classified Ads for Music/Audio/Computer equipment
>and merchandise at the following address.
>http://www.tiac.net/users/brianr
>

You are a GEEK dude...

NOT only does that BUY and SELL forum HAVE absolutly NADA DAMN THING to do with HAM RADIO, there is not a single ad POSTED by a HAM or any other RADIO nut...

Don't waste your time guys...unless you want to buy a Guitar or musical instrument...

3490. Re: Transmitting Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: dave eckhardt <davee@hp5800.desk.hp.com>
Message-ID: <31B49727.46E1@hp5800.desk.hp.com>
Source record: 200129

Jim Bieberich wrote:
>
> I'm looking for a source of electronic transmitting tubes for a 2-meter
> amplifier. I'm looking for a couple of tubes that will handle the full legal
> limit. Any sources?
>
> Thanks. 73s
>
> Jim WA6WJI

I'd suggest RF Parts in San Marcos, Ca.

3491. How to fight Burt & L.E.O.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: dougd@lrbcg.com
Message-ID: <4p24n2$27d@news.dx.net>
Source record: 200130
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.radio.amateur.homebrew

PLEASE READ THE FOLLOWING
THOROUGHLY AND ACT
ACORDINGLY!!!!!!!!!!!!!!!

This is the text of an email message being circulated by
ARRL
officials:

This is serious. Please distribute widely. Send letters via
US Mail or
via email (addresses provided). This is a direct threat to
the 2 meter
band and to the 70 cm band.

Dan N1JEB

Daniel Senie Internet: dan@senie.com,
Daniel Senie Consulting n1jeb@senie.com
http://www.senie.com Packet Radio: N1JEB@KA1SRD.MA

If we suffer tamely a lawless attack upon our liberty, we
encourage it,
and involve others in our doom. -- Samuel Adams

---------- Forwarded message ----------
Date: Tue, 28 May 1996 20:04:25 -0400 (EDT)
From: Alan Shuman
To: bowles@cmf.org
Subject: Re: 96-AKS-079 URGENT! Special Div Dir's Bulletin
96-09A

96-AKS-079

From: A Shuman
N1FIK
SM NH

If you have never written a letter before, please
act now !!

73 Al

QST DE WB1BRE
ARRL NEW ENGLAND DIVISION DIRECTOR
STRAFFORD VT, MAY 1996

SPECIAL DIVISION DIRECTORS BULLETIN 96-09A
TO ALL RADIO AMATEURS

FOR IMMEDIATE RELEASE

*****ARRL NEW ENGLAND DIVISION SPECIAL BULLETIN
96-9A*****

QST to all Amateurs

May, 1996

Strafford, VT

NEW ENGLAND DIVISION DIRECTOR NEW ENGLAND
DIVISION VICE DIRECTOR
Bill Burden WB1BRE Warren Rothberg
WB1HBB
wb1bre@arrl.org wb1hbb@arrl.org

********** 2 Meter AND 70 cm BANDS THREATENED
****

THIS IS NO JOKE!! ARRL HAS LEARNED THAT IN
PREPARATION FOR THE
WORLD RADIO CONFERENCE IN 1997, REPRESENTATIVES OF THE
LOW-EARTH-ORBIT
(LEO) INDUSTRY PROPOSED A LIST OF CANDIDATE
FREQUENCY BANDS FOR
REALLOCATION TO, AND EXCLUSIVE USE OF THE MOBILE SATELLITE
SERVICE. THIS
LIST INCLUDES 144- 148 MHZ (THE CURRENT AMATEUR 2 M BAND)
AND 420-450 MHZ
(THE CURRENT AMATEUR 70 CM BAND)!
IF THIS EFFORT WERE TO BE SUCCESSFUL, IT WOULD
MEAN THE END OF
AMATEUR OPERATIONS ON THESE TWO MOST HEAVILY UTILIZED
AMATEUR VHF/UHF
BANDS!

I have included the text of Dave Sumner's upcoming
editorial for
July QST in this bulletin. ARRL, as the principal
representative of
Amateur Radio in Washington, is actively pursuing this
issue as this
bulletin is being written. Dave's call to action is
serious!! We could
lose these bands if we do not take action now!!

Club presidents and newsletter editors:
please make this
information available to your membership as soon as
possible.

Follows the text of Dave Sumner's July QST editorial:

WRITE NOW!!!!

Get out a pen and paper, or boot up your computer.
There's work to
be done! Your help is needed to defend two meters and
70 cm. Yes,
that's right -- the two most popular and crowded amateur
VHF/UHF bands!
But don't panic, and don't "go ballistic."
Here's what's happening, and what you can do about it.
The United States is preparing for the 1997
ITU World
Radiocommunication Conference, WRC-97. In the past, the
public has been
able to participate in the preparations for such
conferences by
responding to FCC Notices of Inquiry. In March, the
FCC announced a
streamlining of its International Bureau's preparatory
processes for
WRCs. Under the new scheme, the NOIs have been
eliminated in favor of
increased emphasis on WRC Advisory Committees.
For WRC-97, a series of Informal Working Groups
(IWGs) of the
Advisory Committee has been created to address specific
agenda items.□
The output of each IWG will go directly to a joint
FCC-NTIA-Department of
State Steering Committee of the Advisory Committee.
There, draft
proposals as received from the IWGs will be reviewed and
forwarded to the
FCC for possible release as preliminary U.S.
proposals for public
comment.
In announcing the streamlined WRC preparatory process,
the FCC tried
to reassure those who might be concerned about reduced
opportunities for
public participation: "Interested parties should note
that input to the

Advisory Committee may be sent at any time directly to the Chair of the WRC-97 Advisory Committee; the Chairs of the Advisory Committee's Informal Working Groups; Cecily C. Holiday, the FCC's federal officer of the WRC-97 Advisory Committee, or to Damon C. Ladson, the alternate federal officer."

Hold that thought while we shift gears to the substance of the issue.

One of the WRC-97 agenda items includes consideration of possible additional frequency allocations for the mobile-satellite service.

So-called "little LEOs," low-earth orbit satellites below 1 GHz, already have allocations. Their proponents claim these are inadequate and are trying for more. The needs of little LEOs are being addressed in IWG-2A, chaired by Warren Richards of the Department of State. The ARRL☐ technical relations staff participates in IWG-2A to represent Amateur Radio interests.

At the May 7 IWG-2A meeting, an industry representative proposed a list of "candidate bands" for little LEOs. The list includes a number of bands that would negatively impact existing services, and does not include others that would be technically more feasible but to which strong objection from incumbents could be expected -- the point being that some political, rather than purely technical, judgment already has influenced the list.

Incredibly, 144-148 and 420-450 MHz were included on the list! This is the first time in memory that another service has been proposed for the two-meter amateur band. We must make sure it is also the last time.

We do not need to explain to ARRL members the extensive use that is made of these bands by amateurs. The two bands provide

the backbone of
our local public service communications effort. Voice
and data, mobile
and fixed, even television -- the list of present amateur
uses is a long
one, and of future uses is even longer. Both are
already used for
satellite services and for moonbounce and
extended-range terrestrial
operations requiring extremely sensitive receivers and
high levels of
effective radiated power.
Apparently we did need to explain all this to
the little LEO
industry representatives, so we did just that -- both at
the meeting and
in a followup letter on May 15. We also explained that we
had to regard
the matter as extremely serious. No one with the slightest
background in
radiocommunication could possibly believe that a
mobile- satellite
service could be introduced into either band without
disrupting existing
and future amateur operations. Therefore, we said, if we
did not receive
assurance that they would be taken off the list of
candidate bands by the
deadline for this issue of QST, we would have no choice but
to bring the□
matter to the attention of the entire membership.
The response we received was unsatisfactory. In
effect, we were□
told the little LEO industry would consider our views
but that until
their spectrum needs are satisfied, all bands must
remain under
consideration.
So, this is a call to action. We must get across
to the industry
and government participants in IWG-2A that the 144- 148
MHz and 420-450
MHz bands cannot be considered as candidates for
mobile-satellite
services. We need to drive the point home so forcefully,
with so many
grassroots responses, that no one is ever tempted to try
this again.
Which brings us back to that invitation for

"interested parties" to
send input "at any time." There's no time like the present!
Here are the
key addresses, including those of the mobile-satellite
industry folks who
seem to have started the ruckus:

Cecily C. Holiday, International Bureau, FCC, Washington,
DC
20554; choliday@fcc.gov; FAX (202) 418-0748.
Warren G. Richards, Chair, IWG-2A, Department of State, CIP
2529, Washington, DC 20520;
richardswg@ms8620wpoa.us-state.gov; FAX (202) 647-7407.
Tracey Weisler, FCC Rep., IWG-2A, International Bureau,
FCC,
Washington, DC 20554; tweisler@fcc.gov; FAX (202) 418-2824.

Mary Kay Williams, Final Analysis, Inc., 7500 Greenway
Center, Ste. 1240, Greenbelt, MD 20770; FAX (301) 474-3228.
Leslie Taylor, President, LTA, 6800 Carlynn Court,
Bethesda,
MD 20817; ltaylor@lta.com; FAX (301) 229-3148.

Do comment. But be civil. Don't abuse people who
are simply doing
their jobs. We have to get across that casting covetous
eyes on amateur
bands is counterproductive, and contrary to the public
interest. To
accomplish this we need a lot of comments, including yours.
But remember
that the objective is to educate and persuade, not to
intimidate. We
don't need to. The facts are on our side.
To monitor the FCC's ongoing WRC-97 preparations,
visit its WRC-97 home page at:
http://www.fcc.gov/ib/wrc97/.
Write now. Right now! -- David Sumner, K1ZZ

North Central Ohio Skywarn Info
http://www.amnorth.com/redbone/skywarn.html
http://www.amnorth.com/redbone/ham-page.html
http://lrbcg.com/dougd

3492. RFI -- '92 Bonneville?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: kuzen001@acpub.duke.edu
Message-ID: <4p29ab$48b@newsgate.duke.edu>
Source record: 200131

I'm about to get one of those RS 10-m rigs from a friend.
(I'll pause while the flames and laughter die down.)

Never had HF in the car; wondering if any Pontiac Bonneville owners
have had RFI problems?

Please email if possible; hard to keep up with the groups. Thanks!
--Ken

Ken Kuzenski AC4RD kuzen001@acpub.duke.edu
jkk@galactose.mc.duke.edu Fidonet: 1:3641/1.1

All disclaimers apply; this is just MHO, not Duke's

3493. Re: Needed: FM stereo multiplex ICs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: stevem@shellx.best.com
Message-ID: <4p29o9$3si@shellx.best.com>
Source record: 200132
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.shortwave

In article <4p05cg$hah@Nntp1.mcs.net>, <bosch@mcs.com> wrote:
>In <robert.833770310@kd3bj.ampr.org>, robert@kd3bj.ampr.org (Robert E. Garland) writes:
>>
>>Once upon a time ... National Semiconductor had a chip for stereo
>>multiplex and SCA in their catalog. You might call the nearest office
>>and ask if such an thing is still available.
>>
>
>There still is...it's the LM1800 (still around after 15 years). If you have a
>WWW browser available, you can download the data sheets from National
>Semiconductor's part database (http://www.natsemi.com or http://www.ns.com
>your choice). You need Adobe's Acrobat Reader in order to see the specs,
>though....
>
>Andrew
>bosch@mcs.com

Nope, Last I looked, the LM1800 was on the National's obsolete products
list.

Steve M. WF6R

3494. Re: IC 706 only for VHF ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DsHtst.7zn@iglou.com>
Source record: 200133

Interesting country you have there.
Questions:

1. Who is going to know the difference?
2. Why would they believe you if you told them it didn't cover HF?
3. Does it still qualify if you can easily change it back to cover hf?

I use the 706. It's a nice rig. 73

: Hello everybody.

: I have bought a IC 706 and in my country I only can use it in 144 Mhz
: with my licence. I need to modify it to only have full coverage onn 144 Mhz.

: Do you know the mods to turn off the HF bands on this transceiver ???

: Any comments are welcome. 73s

: -- Roberto
: _____
: Email:ea4abb@ea4rct.clubs.etsit.upm.es | ampr: ea4abb@linux.ea4abb.ampr.org
: fidonet: Roberto Munoz 2:341/64.10 | ax25: ea4abb@ea4een.eam.esp.eu
: <A HREF="http://www.etsit.upm.es/~rclub">Paginas WEB del Radioclub EA4RCT</A>

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3495. RCI 2950 New WEB site.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: ccadic@lenet.fr
Message-ID: <4p2dfi$87n@voyager.iii.org.tw>
Source record: 200134

You own a RCI2950. I do to.
I've made a special WEB site dedicated to this rig.

http://www.gen.com/spiralweb/rciweb/

Come in.

I'm also seeking cross-link possibility. If you wan't to add this URL
inside your page, I do the reverse if pleasure.

Yours.

3496. CW Keyboard Keyer Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Tim Robertson KC7QOM <timr@gorge.net>
Message-ID: <31B4BB7D.2144@gorge.net>
Source record: 200135

Hello All,
I am a new Tech+ (yes, I studied and passed the code test!) and I am interested in sending and recieving CW via my computer. Would appreciate any advice and or comments regarding what I need to accomplish this, What I should look for, And where do i get it? Thanks in advance.
73s
Tim Robertson, KC7QOM

3497. Re: Motorala Micor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-0406961748000001@145.39.1.10>
Source record: 200136

In article <4oa2h0$bf6@news.mcn.net>, johnestein@mcn.net (John E. Stein) wrote:

> Hi! I have a fellow ham who's picked up an old Motorala Micor. He's
> looking for any kind of a manual with schematics . The only
> information he has is off the radio itself.
>
> FCC Xmtr Data : CC 3161
>
> Model T83RTA1404BA
>
> S/N 203CDE4804
>
> We have no idea what range the radio is designed to operate in. His
> plans are to modify it to operate in either the 2 meter range or 7 cm.
> range. I'm not sure but I think he wants to use it for a repeater.
>
> He'd be grateful for any info.
>
> You can email me at : johnestein@mcn.net as well.
>
> Thanks!
> John
> KC7MRY

Let's put a halt to all the inaccurate speculation and wild guesses. The
radio features are as follows:
110W out (20% duty cycle - 1 min on, 4 min off)
12 VDC negative ground ONLY, maximum draw is 35A in Tx
Freq Range: Somewhere in the 136-174 MHz window
Band Splits are 136 to 150.8, 150.8 to 162, or 162 to 174 MHz
You'll have to provide part numbers of exciter board and receiver
front ends to define which window for each.
Radio is NOT equipped with coded squelch
Radio has noise blanker on receivers
Radio has dual (wide spaced) 4 channel exciter -
Max spread is 5.5 MHz limited by tuning of driver stage
Radio has dual (wide spaced) 4 channel receivers
The rcvrs could be two different band splits, but usually in same one.

Manual number for basic HB MICOR is 68-81008E40
Supplement for Extender is 68-81011E95
Supplement for WideSpace Xmtr&Rcvr is 68-81014E15
Call Motorola Parts at 800-422-4210 to place order
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >

Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3498. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: rhiii@pop.erols.com
Message-ID: <31b458c6.50759433@news.erols.com>
Source record: 200137

For the price they are certainly worth it.

Unfortunately, does come with schematic and I want to modify CW
bandpass to cover packet (1600-1800) or rtty (2125-2295).

Anyone out there successfully made this type of mod yet ?

de Richard/NT2Z
---
caveman@castles.com (Mike Morrow) wrote:

>They are only $35 out here.
>
>They will take out multiple (so far, all I can test is 2) heterodynes
>simultaneously and the CW sharp (narrow) mode is better than the CW narrow
>filter in my TS-430S.
>
>I approve. I bought a spare.
>
>What I mostly wanted is the elimination of 'whistles' as they call them on the
>box and it does that quite well! The rest is gravy and for the price, it is
>quite nice.
>
>I just leave it in in wide mode unless I need to tighten down a bit.
>
>I do not notice any additional noise from the unit yet. The bands have been a
>bit noisy lately.
>
>
> _/_/ _/_/ _/ _/ _/ _/_/_/_/
> _/ _/ _/ _/ _/ _/ _/ _/ Mike/AB6NN
> _/ _/_/ _/ _/ _/_/ _/_/_/ Caveman@Castles.com
> _/ _/ _/ _/ _/ _/ _/ Fully MIME capable
>_/ _/ _/ _/ _/ _/_/_/_/_/
>
>
>

3499. Re: Quick Call 2?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: maheil@pb1.pacbell.com
Message-ID: <4p21g8$p9t@gw.PacBell.COM>
Source record: 200138

I am not aware of any HAM H.T.'s that will decode Quick-call II.
Most HAM rigs have CTCSS (p.l.) decode or DTMF (touchtone) decode
but neither is compatible with Quick-Call II. There are some Motorola
H.T.'s & Mobiles (as well as other commercial brands) that will act as a
normal receiver and/or stay muted until receiving the appropriate QC-II
alert tones. Models include GP-300, MT-1000, HT-1000, MT-2000 & VISAR
for handhelds. The Maxtrac mobile with high signalling options will both
encode & decode Qick-Call II. I heard a rumor that Yaesu was comming out
with a ham rig that would decode QC-II, but I have not seen it yet.

Hope this helps.

Mike

In article <4onqd8$o4c@news.ysu.edu>, ad796@yfn.ysu.edu says...
> I am on my local volunteer fire dept and I am considering
>buying a new ht since my Icom 2AT is getting rather old.
SNIP
The tones that the fire dept uses are called
>Quick Call 2 or also 2 tone sequential. I was wondering if anyone knew
>of any ham hts that would be set off by these tones or that could be
>modified to do such.

3500. Re: Radio Shack Prices Outrageous

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: "B.C. 'Jay' Jackson, Jr." <jackson@mail.us.net>
Message-ID: <85937.jackson@mail.us.net>
Source record: 200139

I have both an HTX-202 and an HTX-404. They are both excellent, have every useful feature, well made, never any problem with them and operation is intuitive for the most part. And I bought them on sale for $50 and $70 off the regular (reasonable) price.

I like Radio Shack.

de AF4O

B.C. "Jay" Jackson, Jr. - Fairfax, VA

3501. Re: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: torsten@dl1fy.rhein-neckar.de
Message-ID: <DsH2J6.4L6@dl1fy.rhein-neckar.de>
Source record: 200140
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> writes:

>Read the book in the subject of this message, it is #10
>on the best seller list and it is really about German hams.
>The book is by Daniel Jonah Goldhagen and tells how ordinary Germans
>cooperated in conducting the Holocaust

And as you're just in the bookstore --- how about looking for a book
that's for sure not a bestseller, describing your own Holocaust, where
Americans were also willing executioners of Franklin Roosevelt in
persecuting, beating up and interning U.S. citizens coming from Japan.
This happened all just for "national security" and so was for sure
properly justified.

Bye,
Tom (an ordinary German and as a ham - a citizen of the world).

--
Torsten Leibold (DL1FY) Mail: root@dl1fy.rhein-neckar.de
Konrad-Adenauer-Allee 105 AX25: dl1fy@db0ge.#sar.deu.eu
68519 Viernheim, Germany AMPR: 44.130.24.87

3502. ICOM IC-2000H MODIFICATIONS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Tu and Bob Myers <tuandbob@acy1.digex.net>
Message-ID: <Pine.SUN.3.93.960604205701.8596A-100000@acy1.digex.net>
Source record: 200141
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Will someone please tell me the source(s) for modifications to the
IC-2000H?

Thanks,

Bob

3503. Icom IC-Delta 100 Tribander X-Band repeat ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: adam@tbsa.com.au
Message-ID: <4p1b6r$jso@news.tbsa.com.au>
Source record: 200142

Hi there.

Does anyone know if the IC-Delta 100 is capable of cross band repeat?
Are there hardware mods required, or can a few keystrokes put it into
that mode?

Sure would be handy if it could...

73,
Adam, VK3ALM

3504. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: psoper@encore.com
Message-ID: <DsGsp2.DnD@encore.com>
Source record: 200143

caveman@castles.com (Mike Morrow) writes:

>What I mostly wanted is the elimination of 'whistles' as they call them on the
>box and it does that quite well! The rest is gravy and for the price, it is
>quite nice.

$35 here too. Bought the last one at the nearest store. A few months back I bought one for $50 and spent a few hours with it and was unable to detect any audible effect at all. Took it back. Now realize the DSP switch was broken (or something), as the current one has been quite wonderful for heterodynes and the filtering is quite noticeable. Looking forward to coupling this with the direct conversion receiver I'm building as I think it may make a very effective combination, filter-wise. Building the $29 Ten-Tec for my mother as a birthday present. She turns 76 and after playing with Super Morse for a few months wants to hear some "real CW". I'm not making this up. She'll shame me up to 20wpm before this is over. But if the RS is worthwhile for her CW reception, then I've got to find *one more*: Can't live without the heterodyne killer now :-)

Regards,
Pete
KS4XG

3505. Re: ft50r performance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: TRon Davis <rond@intellect.com>
Message-ID: <01bb5296.e819d640$344060cc@dell100>
Source record: 200144

I immediately bought the sma/bnc adapter so I could use my MFJ whip, MFJ car antenna, and get really great performance now that I have a dual-band Ringo ground plane on the roof. ps. I just bought the mic/speaker and tested it today by recording my broadcast from a second radio. It sounds REAL NICE. Noticably louder and crisper than the built-in mike.

> joel@tech.mis.cfc.COM (Joel Lessenberry) wrote in article
<199606031130.HAA27820@serve.tech.mis.cfc.com>...
> Thanks to all who answered questions about the ft50r..
> I bought one...
>
> It has been a long time since I have done much HTing,
> but performance on the ducky is real iffy..
>
> Is that normal?
>
>

3506. 2m SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: TRon Davis <rond@intellect.com>
Message-ID: <01bb5297.4aeff600$344060cc@dell100>
Source record: 200145

I need to purchase a 2m SWR meter of acceptable quality and affordable priced. Actually - I need a 2m/70cm dual band capability - but have not seen anything like this. Any recommendations?

Thanks

WB7VSG

3507. Re: Shure Microphone Availability

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: Ed Messenger <gsa00010@mail.wvnet.edu>
Message-ID: <19960605.034456.131508.NETNEWS@WVNVM.WVNET.EDU>
Source record: 200146

cdorn@gpu.srv.ualberta.ca (Chris Dorn) wrote:
>
> Hi,
> I am looking for a decent non-amplified handmic or deskmic for my
> Drake TR7. I thought that the Shure 404C handmic or the Shure 444D
> deskmic would be good bets. HRO had the 404C several months ago, but no
> longer have them. Univeral Radio has the 444D in their newest catalogue,
> but I just talked to them, and they said that they were sold out, and
> that Shure were no longer making this product. I have not had much luck
> finding other non-amplified mics that might be suitable. All the
> available mics are designed for the big three. Does anyone know who might
> have some of these Shure mics as old stock, or any recommends for another
> suitable mic?
> Thanks,
> Chris VE6RDC
>
Hi Chris,

I was just curious after reading, so I checked and shure has a
web sight and shure enough they don't list the microphones your asking
about. However they do list a 527B (Omnidirectional Dynamic Handheld
Low Z w/PTT) I don't know if this helps. But check out their web
sight.

http://www.shure.com

Hope this helps 73 Ed/N8OYY

3508. ICOM CI Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-04 00:00:00 UTC
From: tomms@mnsinc.com
Message-ID: <4p1m9p$fn@news1.mnsinc.com>
Source record: 200147

I just bought an IC 738 and I am looking for a schematic for an interface to my computr. I have a schematic in the new handbook, but the parts supplier (CW Technologies) seems to be out of business. They use a Harris IC232 Level converter. This project could also be done with two Radio Shack parts (TTL-RS232 converters). Does anyone have a schematic? It seems kind o silly to pay $100+ for a few chips and other components from ICOM.

Thanks,

Tom NY4I

3509. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Phil Karn <karn@unix.ka9q.ampr.org>
Message-ID: <31B54022.794BDF32@unix.ka9q.ampr.org>
Source record: 199963
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

shed@n-jcenter.com wrote:

> I think your article is flame bate. If you truly belive what you just
> wrote, you are moron. If you were just trying to be "cute" you should
> clarify in a followup article before your peers realize you are a
> moron too.

Come on guys, have you ever heard of the concept of "satire"? It
often angers precisely those people who most need to understand the
underlying message. Or perhaps those people get angry precisely
because they *do* get the underlying message, and they don't want
to admit that it strikes a little too close to home.

Perhaps it's time to have another serious discussion
on just what the amateur service is supposed to be about and how
we can continue to justify our frequencies in a rapidly changing
world. But I fear it will just devolve into name-calling. Sigh.

For the record, no, I don't want to see 2m and 70cm turned over to
the LEO operators. But I have to admit that there's more than a
kernel of uncomfortable truth in what everyone has labeled "flame bait".

Phil

3510. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Bob Beatrice <bobbyb@ids.net>
Message-ID: <31B54C18.2544@ids.net>
Source record: 199964

a313@Lehigh.EDU wrote:
>
> In article <31AEC025.6EB1@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> writes:
> >Clearly almost anyone can better use ham frequencies than hams can.
> >Have you listened to the important conversations plus contests
> >and useless traffic on ham bands. If the FCC wiped out ham radio
> >today 99% of the public would be unaffected. Even most hams
> >would be unaffected as they are either dead, should be dead, or
> >inactive.
> >
> >I think I will write my congressIT.
> >
> >
>
>#===============#===#| Burt
> Fisher | Teacher of video, broadcasting and electronics |
> >| Amateur call | South Dennis, Ma. (Cape Cod) |
> >| K1OIK | If you sit on the fence, it is a pain in the butt |
>
>#===============#===#| k1oik
> @ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
>
>#===#
> >
> Why do you still have a ticket ???? You're either dead, should be dead or
> Inactive ? Which is it ??? According to regulations.... Amateur traffic in non
> emergency situations shall be restricted to items not interfering with
> commericial telecommunications bussiness, ie it's supposed to be unimportant.
> This philosophy allows foreign governments an opportunity to protect their
> telecommunications industry. The intent of the FCC regs is to provide a pool
> of technically trained people in communications and electronics for use in
> emergencies. I believe the last "Emergency" was WW II. Communication is only
> one facet of ham radio.
>
> 73's
> Dick K8WHA (Not Inavtive but maybe dead or should be dead)
>
> Dick K8WHAWith an attitude like that you probably should be.

3511. ICOM 281H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: aucoin@northnet.org
Message-ID: <31b56055.1333796@news.alt.net>
Source record: 199965

I have an ICOM 281H. Hardly been used. Current AES price is $399.95.
I will sell it for $250. If you want power supply, $300.
email at aucoin@northnet.org
eastern time zone
days 315-393-2920
evenings 315-322-5661
Robert H. Aucoin

3512. Re: CDR Ham M rotor??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: "William O. Reichert" <billnihh@apci.net>
Message-ID: <4p3sdl$6su@queeg.apci.net>
Source record: 199966

Have used lots of HAM-M and its later models, the HAM-III and HAM-IV. Not sure what the max wind load is, but I used one to turn a TH-6 stacked with two 6 el 6 meter beams, and another with a 4 el 20 mtr monobander with a 24 foot boom, an 88 element two meter array and a Ringo Ranger. For a while there was also an 80 element 432 collinear on that one.

There were a few HAM-Ms made with fiber gears; if you can, you will want to stay away from that, but the only way to tell is to disassemble and look as far as I know. It is possible to chew the teeth out of the gears, then they have to be replaced. Hy-Gain/Telex is pretty good about replacement parts. By the way, the actual rotor assembly is virtually the same from series 5 of the HAM-M to at least the HAM-IV. The difference is in the control boxes. The HAM-III and IV have the ability to release and reengage the brake separately from the motor control. In the original HAM-M everything happens at once, controlled by the lever switch at the bottom of the control box. This can cause problems as when the switch is released, the motor still has some momentum, which the brake stops immediately. This produces torque on the support structure on the brake wedge and the teeth cast into the bell housing. I have seen brake wedges sheared off and the teeth in the bell housing chewed out.

With the lated units, the brake is released then the rotation button is pushed to turn where you want. You can then let the load glide to a stop before reengaging the brake. This is a simple modification to make on the HAM-M, requiring a small switch to control the brake separately.

Other possible problem: in some early HAM-M it is possible for the grounding arm of the directional potentiometer to corrode, causing intermittant and erroneous bearing info. Disassemble, clean and add a piece of braid from the ground of the pot to the bell housing. It can only turn one revolution either direction so only a little slack in the braid is required, especially if it is centered when you start.

There are lots of ball bearings between the two halves of the bell housing in a platic trace. There will be grease all over them, so a little sticky. On disassembly these ball bearings like to go about 57 different ways, so some care is required.

Only other thing I can think of is to keep the load centered over the mid line of the rotator. Side ways play will wreck one quicly.

When I had to take down all my antennas for a move, one of my HAM-Ms was over 25 years old, and as far as I know, the fellow who got it is still using it. Very little maintenance required in that time.

73,
Bill, N9HH

3513. Re: Decent antenna tuners: Heath, Ten-Tec, Drake

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <31B59003.510C@vt.edu>
Source record: 199967

Scott Rosenfeld NF3I wrote:
>
> The compact ones are a compromise. Even my Heath SA-2060A didn't
> rate that well way back when they tested 'em. Of course, when
> you run just 5 watts through a tuner rated at 2000, you don't see
> many problems...
>
> I have heard that Ten-Tec's auto-tuner (2 kW) can match anything
> from 2 to 1300 ohms, and pump through the rated 2 kW while
> doing so. Of course, it's almost a kilobuck...
> --
> * Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
> *** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
> * 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
> * 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

The Ten-Tec auto tuner is the best tuner I have used for matching a wide range of feed resistances. It works like a charm with open-wire feeders and antennas like double extended zepps. My MFJ and Nye Viking tuners merely choked on trying to match such systems. Unfortunately, Ten-Tec no longer produces this tuner and if you have one, hang on to it! I'm sure not going to get rid of mine.

73, Greg KN4FR

3514. Re: 75A-4 Repair Recomendations??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: mc@shore.net
Message-ID: <4p3r8u$f2@northshore.shore.net>
Source record: 199968

In article <31B51F8B.707A@snet.net>, N1SQJ <tde@snet.net> wrote:
>Checking around for a good place to repair my 75A-4. Just wondering if
>anyone out there has a good tip...someone who specializes in these
>radios. I have a mystery static (probably a cap), but haven't been
>able to pin it down. Ready to send it out.
>Rick, N1SQJ

I would recommend that you consider having the 75A-4 repaired and aligned
by Howard Mills W3HM. He's on Harper's Ferry WV and is *THE* number one
authority on the 75A-4.

There is also Dave Knepper W4BJZ in Western PA who is the publisher of THE
COLLINS JOURNAL. He does repair work for very reasonable fees. I highly
recommend his monthly newsletter on Collins equipment.

I have not had any work done by either of the two individuals listed above
and have no interests in their repair business. I pass this information
on for what it is worth.

73,

```
.-. .-.
/ \ .-. .-. / \
/ \ / \ .-. _ .-. / \ / \
-/--Michael Crestohl KH6KD/W1/---\---/-\---/---\-----/-----\--mc@shore.net-\--
\ / \ / `-' `-' \ / \ /
\ / `-' `-' \ /
`-' `-'
```

3515. test

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: modinaf@hqlab.ico.olivetti.COM
Message-ID: <9606051205.AA25402@olivea.ATC.Olivetti.Com>
Source record: 199969

Prova

3516. Yaesu FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: david_k@simusa.sim.ORG
Message-ID: <199606051206.IAA24075@news.interpath.net>
Source record: 199970

Please give me your recommendations on the FT-50R. I am new to ham radio and want to get a HT that has lots of features and a good value.

Can anyone tell me about the SMA antenna connector? Is this standard like the BNC connector? How hard is it to find adaptors for BNC to SMA?

Can you get generic batteries? Any limitations caused by its small size? Where are the batteries connected? (On many of other HT's, particularly those a year old or older, the battery connects to the bottom of the unit.)
Why is it so cheap ($340) compared to similarly equiped transceivers lie the FT-51R($520)?
--//
-- David A. Keller Work: david_k@simusa.org
-- SIM USA, Inc. 704.587.1462
-- Box 7900 Home: kellermd@aol.com
-- Charlotte NC 28241.7900 KF4JDL
-- By Prayer Since 1893
--//

3517. Re: Experience with QRO Linear Amplifiers?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4p3uaj$pk4@newsbf02.news.aol.com>
Source record: 199971

I have the QRO HF-2500. It is easily the best fit for me out of 6 amplifiers I have owned over the years.

73 de John, WA5TWL

3518. Need: MARS/CAP MOD FOR IC-775DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: paidukas@harris.com
Message-ID: <4p4441$m48@hearye.mlb.semi.harris.com>
Source record: 199972
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

If you have the info on this please email.

--... ...-- -.. .

Paul KT4DI
Internet: PAidukas@Harris.com

3519. Info IC-738 Xcvr?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Jeff Hutchinson <w4pbc@digital.net>
Message-ID: <31B582A6.3B47@digital.net>
Source record: 199973

Anyone have experience with a Icom IC-738? I'm thinking of buying one.
Any known product reviews? Thanks es 73,
Jeff W4PBC

3520. My Icom IC-T7A Impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: "Scott A. Blystone" <kc2iq@frontiernet.net>
Message-ID: <31B596D1.58CB@frontiernet.net>
Source record: 199974

Hi all,

I've been a ham for about 35 years, and so have gone through quite a variety of VHF/UHF gear. Last week I purchased a new Icom IC-T7A dual-band HT to replace my Yaesu FT-530 (a nice radio, but too many bells and whistles for my liking - I was always getting it into some un-known mode or another!). Well, I just wanted to let everyone know that I am really impressed with this little Icom unit. It seems like the perfect combination of features vs. functionality. At first I was a bit concerned about the automatic squelch feature, but it has proven to operate perfectly and is a real convenience. Battery life is quite impressive, and extended coverage (300-400 mHz. and 800-999 mHz.) can be very easily enabled. The extended coverage sensitivity is much better than I expected, in addition. The radio is extremely small, yet very usable, and is, in fact, small enough to carry around with my minitiature cell phone.

3-rd party manufacturers are now beginning to produce battery packs and accessories for it. I was ablt to purchase 7.2v 900mah nicad packs at a local hamfest for half the price of the Icom packs. In addition, these packs are the SAME size as the Icom pack which is only 600mah!

I've only found one really annoying issue with the radio - the keys are not backlit at all, and low-light operation can be somewhat problematic.

I hope this information helps any of you who may be looking at this unit.

--

Scott A. Blystone Amateur Radio Callsign KC2IQ
Senior Communications Engineer Electronic Data Systems, Inc.
Rochester, New York E-mail: kc2iq@frontiernet.net

3521. Re: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4p450h$8os@dawn.mmm.com>
Source record: 199975
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

torsten@dl1fy.rhein-neckar.de (Torsten Leibold) wrote:

>Burt Fisher <k1oik@ccsnet.com> writes:

>>Read the book in the subject of this message, it is #10
>>on the best seller list and it is really about German hams.
>>The book is by Daniel Jonah Goldhagen and tells how ordinary Germans
>>cooperated in conducting the Holocaust

>And as you're just in the bookstore --- how about looking for a book
>that's for sure not a bestseller, describing your own Holocaust, where
>Americans were also willing executioners of Franklin Roosevelt in
>persecuting, beating up and interning U.S. citizens coming from Japan.
>This happened all just for "national security" and so was for sure
>properly justified.

>Bye,
> Tom (an ordinary German and as a ham - a citizen of the world).

>--
>Torsten Leibold (DL1FY) Mail: root@dl1fy.rhein-neckar.de
>Konrad-Adenauer-Allee 105 AX25: dl1fy@db0ge.#sar.deu.eu
>68519 Viernheim, Germany AMPR: 44.130.24.87
>---
PLEASE don't respond any more to any of Burt's bullshit! He has such
a poor life that he has nothing better to do than toss out flame-bait
like this stuff. He is always complaining that Ham Radio and Hams are
worthless, yet he continues to find time to stick around here and
provide this sort of crap. If everyone on the usenets (and he spams
them all) would just ignore him, perhaps he would go get a life (or at
least leave us alone).

Opinions expressed herein are my own and may not represent those of my employer.

3522. Re: First Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4p45rj$4a@dawn.mmm.com>
Source record: 199976

dit111@aztec.asu.edu (D IRWIN) wrote:

>I'm looking for suggestions for a good handheld and/or mobile for a FIRST
>radio. I'm taking the Tech exam soon (and if I can get CW down by then,
>Tech+, else a not too far away upgrade).

>Post to the newsgroup or via e-mail. Thx, Dave

>--
If you are looking for a 2M rig I would strongly suggest that you
avoid the HT route. I for one, am really tired of all the guys trying
to hit the repeaters using an HT and a fair to poor antenna. Do
yourself a favor and look at the Icom IC-2000H. It has a pretty good
receiver, 50 watts, plenty of memory area, small in size, and a VERY
reasonable price. Most of the mail order outfits are moving them for
around $260.00 (about the same as many of the HT and it won't have
battery problems). The size of the rig is about like placing two HT's
side-by-side. The extra power will allow you to get into repeators
with a "full quieting" signal and no "drop-outs". Just my 0.02 cents
worth.

Opinions expressed herein are my own and may not represent those of my employer.

3523. Question on DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: burch@netline.net
Message-ID: <31b595e8.67155973@news.netline.net>
Source record: 199977

I am in the process of building a new home. The area has no antenna restrictions, but ny property has several power lines on it's south and west side. I don't know how these power lines will affect my reciever (I mainly use 2m SSB and 6m SSB.) If I DO get interference, would a DSP unit help?

KE4ZQV

3524. Re: Yaesu FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31B58061.3815@hogsett.com>
Source record: 199978

David A. Keller wrote:
> Where are the batteries connected? (On many of other HT's,
> particularly those a year old or older, the battery connects to the
> bottom of the unit.)

It slides onto the back. Nice design!

> Why is it so cheap ($340) compared to similarly equiped transceivers
> like the FT-51R($520)?

Because the FT-50R is only a single radio inside, while the FT-51R
is two complete radios inside (therefore supporting cross-band,
full-duplex, etc.)

> --//
> -- David A. Keller Work: david_k@simusa.org
> -- SIM USA, Inc. 704.587.1462
> -- Box 7900 Home: kellermd@aol.com
> -- Charlotte NC 28241.7900 KF4JDL
> -- By Prayer Since 1893
> --//

--
["That's just my opinion. I could be wrong" - Dennis Miller
[
[Jerry Hogsett N6CCM (home) jerry@hogsett.com
[POB 636 RWC CA 94064 (work) jhogs@micrografx.com
[(500)-G-HOGSETT http://www.hogsett.com

3525. Re: USER OBSERVATIONS WANTED on IC-706, DX-70T, FT-900CAT, etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: KB0PJE /5 Jack Dougherty <jdougher@wt.net>
Message-ID: <31B5BD23.7085@wt.net>
Source record: 199979

I've had my IC-706 for about 3 months now. I enjoy the size and multi-band capability.

I sometimes strap it on my motorcycle, and its nice for that. I run mostly CW and have not bought filters for it, yet. I seem to make all the contacts I want, so probably will never get them. I run 40M, 30M, 17M CW mostly, and use the box for 2M.

Only have 2 gripes:
1. ICOM offers a free remote mount cable and logbook with the deal. Well, its been 3 months and no freebies yet. I called them, and they said that the person who does the shiment had quit, they were backlogged, etc. etc. I'm pretty sore about this, cause they got my money immediately, without a 3-month wait......

2. The way the unit uses offsets for repeater use is awkward, and I'm forever "loosing" offset. I jsut have to be careful to make sure and look at the display before using repeaters.

Other than that, I'm happy with the unit...
KB0PJE /5

3526. Re: What ham wives really think.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: hayward@cs.uchicago.edu
Message-ID: <DsJAIr.H9M@midway.uchicago.edu>
Source record: 199980
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <31B1D199.7FF@ccsnet.com> Burt Fisher <k1oik@ccsnet.com> writes:

:
:The following really is the view of the typical ham wife.
:The reason they are that way has to do with the way the ham is.
:
:
: The following is a reprint from The Madison Institute Newsletter,
: Fall Issue, 1894:
: ====
: INSTRUCTION AND ADVICE FOR THE YOUNG BRIDE
: On the Conduct and Procedure of the
: Intimate and Personal Relationships
: of the Marriage State for the
: Greater Spiritual Sanctity of this

Burt, you been stealing things from alt.support.divorce again?

On a more serious note, why do you find it necessary to slam people
here and in the alt.support.divorce groups?

I suppose it is one way of getting attention, but it does become
rather tiresome in the end (like the screams of the little boy on the
play ground who will only play a game *his* way).

Kristin, WX9T
--
Kristin Rachael Hayward, PhD
Director of Administrative Information Systems and Business Services
University of Maine
http://www.umeais.maine.edu/~hayward

3527. IC 736 microphone -- What are you using?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <31B5DD15.4ADA@vt.edu>
Source record: 199981

I have an IC 736 dedicated to 6 mtr operation. I notice that I don't get much ALC action on 10 and 6 meters at 100 watts of output with the hand microphone supplied with the 736 or with a Heil dynamic element (which requires the gain to be really cranked up). There is no problem with power output. It just drives me a little crazy to not see the needle move at all when the meter is switched to ALC. So, what are other IC 736 users doing for microphones? What sounds good with the tx audio circuitry of the 736? Is anyone using the Icom SM-6, SM-8 or SM-20 and what is your experience. I very much appreciate your time and am grateful for any responses. Please respond to Buhyoff@vt.edu or here if you think there might be valuable thread for others to read.

73, Greg KN4FR

3528. Re: ft50r performance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <4p4f38$c4c@nonews.col.hp.com>
Source record: 199982

Joel Lessenberry (joel@tech.mis.cfc.COM) wrote:
: Thanks to all who answered questions about the ft50r..
: I bought one...

: It has been a long time since I have done much HTing,
: but performance on the ducky is real iffy..

: Is that normal?

My method for evaluating the performance of a rubber
duck is to do a careful comparison against the
radiation characteristics of a leaky dummy load that
I have. :-) In other words, rubber duck antennas
normally are very poor...usable only because of
the network of amateur radio repeaters. Your mileage
may vary.

: The radio is much better if it is sitting on top of
: the refrigerator, or my car roof..

: It is even better plugged into the wall charger.

: Do I need a better antenna or is their a possibility
: that there is something wrong with the radio?

: I took it over to the store where I purchased it, and it
: seems to work just like theirs, and there is this growing
: rememberence in my head of a magnate mount antenna I used
: to use of 2 meters with my ht220 years back..

Yep. That's why people often use external antennas on HTs.
Watch out for the next problem...the added gain of
a real antenna will provide a stronger signal to the
receiver and expose any receiver performance problems
("intermod") that the HT might have. I don't know
how good the FT-50 is...it might be fine.

Bob KB0CY

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

3529. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <4p4afi$543@tivoli.tivoli.com>
Source record: 199983
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4p088q$14u@news.cloud9.net>, jkolin@cloud9.net (Jay Kolin) writes:
|> In article <4olsol$5li@dfw-ixnews8.ix.netcom.com>, travisp@ix.netcom.com (Gerald Phillips) says:
|> >
|> >I am thinking about buying an MFJ HF tuner (specifically the 300w one
|> >with dummy load, etc.) Looking on some feedback about them and any
|> >expereiences (good or bad) folks have had. Also reccomendations on
|> >other tuners is fine also. Thanks.
|> >
|> >KE4MBD
|> >Gerald

IMHO, everything made by MFJ that I have ever seen is junk. Poor quality components, shoddy assembly, and non-existent quality control. It might seem like a good deal, but it's actually kind of expensive for junk. Spend a bit more and get something decent.

73,
Jeff, KC1MK

3530. Yaesu freq counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: aa1lb@map.com
Message-ID: <4p4gah$9bt@sgi13.map.com>
Source record: 199984

```
Wanted Yaesu Frq Counter model YS601B Reasonable Priced
```

3531. Re: Need: MARS/CAP MOD FOR IC-775DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4p4iah$oeg@lehi.kuentos.guam.net>
Source record: 199985
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

paidukas@harris.com (Paul) wrote:

>If you have the info on this please email.

>--... ...-- -.. .
>
>Paul KT4DI
>Internet: PAidukas@Harris.com

Cut out diode D15 on the main board.

Jim KH2D

3532. Re: FT757GX Info & help Request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Waldemar Sierocinski <walds@tor.comm.mot.com>
Message-ID: <31B5CEC4.4F25@tor.comm.mot.com>
Source record: 199986

Bill Hosking wrote:

> I have found several programs written for the GX II which will
> NOT work on a GX. Has anyone seen a program for the GX???
I wrote a simple one under gw-basic. You can have it if you want.
With some minor changes it should run under Win qbasic.

> anyone seen a mod for the GX to get serial data out? Any help
> would be appreciated.
You would need a different firmware, that supports the two-way
data transfer. I do not think Yaesu ever released an upgrade
for the GX model.
The GX II firmware, on the other hand, will not support the GX
hardware properly (i.e. MODE switching) so you cannot use it.

73 de Wald VE3PEX

3533. Re: Condenser Mic to Dynamic input?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: frank.dinger@zetnet.co.uk
Message-ID: <4p4ig7$3ei@roch.zetnet.co.uk>
Source record: 199987

In message <4on374$18o@btc1.up.net>
Roland Burgan <rburgan@up.net> writes:

> It strikes me that using a condenser mike for amateur radio use
> is a bit of audio fidelity overkill. It probrably will require
> phantom power.

============response GM0CSZ / KN6WH
Roland ,you probably mean an electret mike . These are low cost small
microphones with built-in amplifier requiring 1.5-4 Volts -DC.
A number of transceivers (like Ten-Tec Paragon ,Omni etc) have the
required DC voltage at the mike socket. .The external modulation
circuit usually has an audio band pass filter for 300-3000 Hz . The
electret mike element is ideal for making a home brew microphone
,either a desktop or a handheld model. It can be readily built inside
a disused dynamic mike housing with PTT button,by means of a small
piece of strip board along with other components one might need.
For mobile use the tiny mike itself can be fitted in the car cabin
near the driver,often without the problem of picking up engine noise
due to the external audio bandpass filter which attenuates the low frequencies.
The electret mike has about the size of a peanut,with its cost being
accordingly.

Frank Dinger , Inver by Tain , Ross-shire IV20 1RX - Scotland
e-mail : gm0csz.kn6wh@ukrs.org
Packet : GM0CSZ @ GB7NOS.#76.GBR.EU

3534. Re: FT-50 connector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <4p4icgav1@mhafn.production.compuserve.com>
Source record: 199988

I bought the little adapter from Lentini Communications the other day ($9.95). Their phone number is 800-666-0908.

3535. Re: IC 706 only for VHF ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: hduff@hcol.humberc.on.ca
Message-ID: <8339751032401@hcol.humberc.on.ca>
Source record: 199989

> Original Sender: ea4abb@linux.ea4abb.ampr.ORG (Roberto Munoz)
>
>
>
> Hello everybody.
>
> I have bought a IC 706 and in my country I only can use it in 144 Mhz
> with my licence. I need to modify it to only have full coverage onn 144 Mhz.
>
> Do you know the mods to turn off the HF bands on this transceiver ???
>
> Any comments are welcome. 73s
>
> -- Roberto

This is an unusual request...most people are looking to open up the TX coverage ! I don't know of any CPU ablilty to DISABLE the TX on HF and 6m.
The best (and probably only) thing to do is disable the HF/6M PA which is independant of the 2 meter port.
You can look over the schematic...locate and unplug the cable that goes to the HF/6M PA. I would then connect a 50 ohm resistor (dummy load) to this line to present a load in case of inadvertant transmissions on HF or 6m. There may be something in the realm of 10 or more watts at this point so use an appropriately rated (wattage) resistor and insulate it so that it does not short out to any other circuitry.

Not a simple 'snip a wire' mod but it may get you the appropriate operation that you require to legally use your 706 for your class of licence. You would be wise to measure the HF/6m output with a spectrum analyser after doing this to ensure that any RF that escapes the port is negligeable.

Regards...
Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

3536. FS: Alinco DJ-580t

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: dlangley@calweb.com
Message-ID: <4p4lcb$jv9@news.calweb.com>
Source record: 199990

I have for sale the following:
Alinco dj 580
2.5 watt batery pack
5 watt battery pack
stock antenna
Alinco's quick charger (less than 1 month old)

Radio's a bit over a year old and still will receive Cell.

I'm asking $375 or make offer.
I still have original box and manuals for the radio and the quick charger.

email me at dlangley@calweb.com

3537. Re: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4p4o5h$230@newsbf02.news.aol.com>
Source record: 199991

> willing executioners of Franklin Roosevelt

Wouldn't that be "willing executioners FOR Franklin Roosevelt"?

But your point is well taken. Let he who is without sin cast the first stone.

MarkN9SRT@aol.com

3538. Japanese Alinco DJ-G5 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Leon Heller <Leon@lfheller.demon.co.uk>
Message-ID: <833999158snz@lfheller.demon.co.uk>
Source record: 199992

A friend of mine was in Japan recently, and purchased the Japanese
version of the Alinco DJ-G5 hand-held, for considerably less than the
european version costs, here in the UK. Does anyone have details of the
mods to make it functionally the same as my DJ-G5T/E. Presumably it is
a matter of a few link/diode changes.

73, Leon
--
Leon Heller, G1HSM | "Do not adjust your mind, there is
E-mail leon@lfheller.demon.co.uk | a fault in reality": on a wall
Phone: +44 (0)1734 471424 | many years ago in Oxford.

3539. Re: DUAL-BAND HT INFO??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: markn9srt@aol.com
Message-ID: <4p4o56$22r@newsbf02.news.aol.com>
Source record: 199993

> The Yaesu FT51R can be programmed by the front panel to move the
> volume control function to the knob on top, just as you prefer.

I am aware of that option, but then you give up the tuning knob function. A more
accurate description on my part would have been: There are (2) coencentric
knobs on the T7A, one for volume (the outer ring, easy to work with thumb) and
one for frequency (the inner post, taller than outer ring). The Yaesu, as
I have been reminded, has a programmable _single_ knob. You can pick one
function for it at a time.

In fairness, there is no up/down buttons on the T7A, only the knob to
change freq or memories, although you can enter either memory recall or
freq entry via the keypad. The "band" button initiates scan functions.
You can turn the knob to continue agter a hit, or use the "band" button to
continue, in addition to just waiting.

One irritation: The rubber plug that protects the mike/phone jacks is
permanently connected to the radio. That's good if you don't want to lose
it, but it gets in the way if I have a mike connected. It hangs off the
back, and gets pulled every time I stick my hand in my pocket when the
radio is clipped to my pocket. I have the rubber plug from a 2-SAT that
has a ring that slips over the BNC connector between the radio and
antenna. I'm thinking about cutting off the one on the radio, and using
the removable plug. The less things hanging off the radio, the better.
It has survived some pulling and twisting in normal use, but is really in
the way when not being used.

3540. Re: RCI 2950 New WEB site.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: discipio@crl.com
Message-ID: <4p4tbs$suc@crl.crl.com>
Source record: 199994

Be forewarned that this is an advertisement. You will receive *NO*
information about the RCI2950 directly. It appears that all the
information contained in the 'book' Philippe is selling can be found on
your neighborhood 'mods' ftp site.

Regards,
Bill

Philippe Cadic (ccadic@lenet.fr) wrote:
: You own a RCI2950. I do to.
: I've made a special WEB site dedicated to this rig.

: http://www.gen.com/spiralweb/rciweb/

: Come in.

: I'm also seeking cross-link possibility. If you wan't to add this URL
: inside your page, I do the reverse if pleasure.

: Yours.

--

"Plus Jim [Kennemur] does not call all blacks he disagrees with house
niggers Jim [Kennemur] calls house niggers that he disagrees with house
niggers. Big difference Dippy." -- Shawn Smith <sshawns@ccsi.com>

3541. Re: Question on DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4p4t2n$3fu@newsbf02.news.aol.com>
Source record: 199995

In article <31b595e8.67155973@news.netline.net>, burch@netline.net (Burch Akin) writes:

>If I DO get interference,
>would a DSP unit help?
>
>KE4ZQV
>
>

DSP's don't reduce power line noise very well. Power line noise usually has continuious spikes that "ring" circuits between the antenna and the audio stage. The result is a bunch of sine waves that the DSP doesn't "view" as noise. To the DSP, power line noise looks almost the same as valid signals.

The additional selectivity will help more than noise reduction functions.

73 Tom

3542. FPM-300 parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: wb6wlr@wdc.net
Message-ID: <4p4r69$2iq@news01.deltanet.com>
Source record: 199996

I have a Halli FPM-300 xcvr that has a defective tuning
mechanism. The slow-speed vernier is busted beyond repair.
Anyone have a parts unit, or know where a replacement tuning
mechanism (new, used, etc.) might be found?

- 73 -

D. Wayne Hoffman
ARS WB6WLR
Internet wb6wlr@wdc.net
Pac Bell (714) 254-4182

3543. Re: Repeater funtion TH79E ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: dr-guru@cuci.nl
Message-ID: <31b49208.4184406@news>
Source record: 199997

On the next site ,there are some MOD'S for a lot of transceivers ,Incl the TH79E and! ,he ha's the mod i needed.

this is the site
FTP://NIC.FUNET.FI/PUB/HAM/??? <-- HAVE FILL IN YOUR SELF.

Ton Muller

Forte Free Agent .99e
Life long and prosper dude's!

3544. Re: HAL P-38

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <31B5F8DC.24B2@staffnet.com>
Source record: 199998

Lionel Booth wrote:
>
> What is your experience with this TNC?
>
> What software are you running?
> Has anyone run the software under Win95?
> Has anyone done any software development and with what success?
>
> How much Clover is on the air and where?
>
> How does it perform on Pactor/Amtor/RTTY?
>
> Never seen a thread on this subject. Wonder if anyone has any interest
> in the discussion?
>
> N5LB

Check out the IDRS page at http://www.iea.com/~adrs/ There's lots of
software available for the P38.

AA4PB

3545. TS790A Kenwood

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: jrayol@internext.COM.BR
Message-ID: <01BB5306.D13F0CE0@Internext.internext.com.br>
Source record: 199999

I have a rig TS-790A from Kenwood and I have some trouble with it. At =
430 MHz band SSB mode its output is only 10 watts PEP. In CW FM its =
normal (about 30 watts) W1 in IF Unit is open for high output in SSB =
mode. How could I increase the output power in SSB mode to reach at =
least 30 watts. What are the VR of ALC and power to this 430 MHz unit?=20

73's from Amazanas Brasil PP8KWA
jrayol@manaus.pegasus.com.br
http://www.manaus.pegasus.com.br/user/pp8kwa/pp8kwa.html

3546. Re: Info IC-738 Xcvr?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: jco@convex.com
Message-ID: <4p4tjk$5gn@slinky.convex.com>
Source record: 200000

Jeff Hutchinson <w4pbc@digital.net> wrote:
>Anyone have experience with a Icom IC-738? I'm thinking of buying one.
> Any known product reviews? Thanks es 73,
>Jeff W4PBC

Check the audio. I find that the noise level of the audio PA is too high with earphones. With the volume turned all the way down, there is a high frequency hiss. The hiss level is high enough to be annoying when copying CW with headphones is a quiet room, which happens to by my normal environment.

ICOM does not think that there is a problem, and has no plans to fix it.

John KN5L

3547. NEED Yaesu FT-8500 MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: alelks@foto.infi.net
Message-ID: <31b5fd2c.4496400@news.foto.infi.net>
Source record: 200001

Anyone have any Yaesu FT-8500 MODs.
If so Please post here, or email alelks@foto.infi.net

Thanks!

3548. WTB Power Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: cn1743@coastalnet.com
Message-ID: <4p542h$ju5@treasure.coastalnet.com>
Source record: 200002

Looking for a 25 to 35 amp power supply 12 volts(13.5). Louis/W5NRG

3549. FOR SALE: HF TRANSCEIVER YASEU FT-902DM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Alex Dydula <adydula@nando.net>
Message-ID: <01bb533f.15b13280$32243498@Adydula.nando.net>
Source record: 200003

All mode HF Transceiver Yaseu FT-902DM. 160, 80, 40, 30, 20,17, 15 ,12, 10
meters. LSB, USB, CW, FSK, AM ans FM. Input power 180Watts on SSB/CW and
80watts on AM. FM and FSK. Built in Curtiss Keyer 8044C Chip.
Analog plus digital readout, rejection tuning, dual filter varible IF
bandwidth tuning, and for CW, audio peak frequency tuning (APF), VOX,
semi-breakin CW with sidetine, 25KHZ calibrator, advanced noise blanker,
RF speech processor, and a 20db attenuator. Built in DC power capability
via convertor for field operations.
All circuits except the transmitter driver and final output stages are
solid state. 6146B Finals. Includes external speaker.

Excellent condition, will sell for $500 plus shipping.
Contact Alex Dydula (AG1Q/4) email adydula@nando.net
or phone 1-919-881-9393.

3550. FOR SALE: YASEU FT-902DM HF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Alex Dydula <adydula@nando.net>
Message-ID: <01bb533f.b4fdd640$32243498@Adydula.nando.net>
Source record: 200004

All mode HF Transceiver Yaseu FT-902DM. 160, 80, 40, 30, 20,17, 15 ,12, 10
meters. LSB, USB, CW, FSK, AM ans FM. Input power 180Watts on SSB/CW and
80watts on AM. FM and FSK. Built in Curtiss Keyer 8044C Chip.
Analog plus digital readout, rejection tuning, dual filter varible IF
bandwidth tuning, and for CW, audio peak frequency tuning (APF), VOX,
semi-breakin CW with sidetine, 25KHZ calibrator, advanced noise blanker,
RF speech processor, and a 20db attenuator. Built in DC power capability
via convertor for field operations.
All circuits except the transmitter driver and final output stages are
solid state. 6146B Finals. Includes external speaker.

Excellent condition, will sell for $500 plus shipping.
Contact Alex Dydula (AG1Q/4) email adydula@nando.net
or phone 1-919-881-9393.

3551. Burt Fisher, the final part (was Re: Hitler's Willing Executioners)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: torsten@dl1fy.rhein-neckar.de
Message-ID: <DsJr0v.CDu@dl1fy.rhein-neckar.de>
Source record: 200005
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

grhosler@mmm.com (Gary Hosler - KN0Z) writes:

>torsten@dl1fy.rhein-neckar.de (Torsten Leibold) wrote:

>>Burt Fisher <k1oik@ccsnet.com> writes:

[...]
>PLEASE don't respond any more to any of Burt's bullshit! He has such
>a poor life that he has nothing better to do than toss out flame-bait
>like this stuff. He is always complaining that Ham Radio and Hams are
>worthless, yet he continues to find time to stick around here and
>provide this sort of crap. If everyone on the usenets (and he spams
>them all) would just ignore him, perhaps he would go get a life (or at
>least leave us alone).

Well, I'm desperately sorry for this, dear Gary and all other readers.
It seems that I've been the only guy here not knowing of Burt's
special intention. Your tactic's the right one, I'll follow ...

--
Torsten Leibold (DL1FY) Mail: root@dl1fy.rhein-neckar.de
Konrad-Adenauer-Allee 105 AX25: dl1fy@db0ge.#sar.deu.eu
68519 Viernheim, Germany AMPR: 44.130.24.87

3552. Re: FT900 reliable?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: jurekp@aol.com
Message-ID: <4p5hmp$ais@newsbf02.news.aol.com>
Source record: 200006

Great unit. Only problem I had was ft900 turning spontanoeusly off. It
happend 8 to 10 times during last year and a half. I heard that this
problem was solved in new units.
Have fun
Jurek, KJ7OV

3553. MODS for 28 Mhz RIGS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: ccadic@lenet.fr
Message-ID: <4p51p1$7dg@mordred.cc.jyu.fi>
Source record: 200007

http://www.gen.com/spiralweb/rciweb/
and
our ftp

ftp.gen.com
dir: /pub/spiralweb (free softwares...

3554. Any MODS on GSM phones to make Talky walkies ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: ccadic@lenet.fr
Message-ID: <4p51tm$7ep@mordred.cc.jyu.fi>
Source record: 200008

I'd like to know if it is possible..

3555. Any mods on the President georges ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: ccadic@lenet.fr
Message-ID: <4p520o$7fq@mordred.cc.jyu.fi>
Source record: 200009

I'm seeking thoses....

Spiral'Web
The RADIO ORIENTATED WEB on the Internet
http://www.gen.com/spiralweb
http://www.gen.com/spiralweb/rciweb/

3556. Re: 48 FT. ROHN TOWER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Scott <smackay@epix.net>
Message-ID: <NEWTNews.834045004.12333.smackay@epix.net>
Source record: 200010

In Article<4oppic$829@uuneo.neosoft.com>,
<dsterner@neosoft.com> writes:

:
: In article <4oh94m$4ds@crusher.ici.net :, ka1kla@ici.net
says...
: :
: :I HAVE A ROHN HBDX 48 F00T FREE STANDING TOWER FOR
SALE.IT'S DOWN AND READY TO
: :GO
: :ASKING $300.00 OR TRADE FOR COMPUTER SET UP.NAME IS
DICK,KA1KLA
: :
:
: 1. No need to yell (loose the capitols).
:
: 2. Are you willing to ship anywhere in the world for the
stated price? This
: is a world-wide group and you neglect to state where you're
located.
:
Gee Don,
Having a bad hairday? no need to get testy...
Perhaps you should explain about caps, mayhap the author didn't
know the protocol that all CAPS MEANS SHOUTING.:-{.
also my friend its lose the capitals not loose...unless they
escaped. As to loc and shipping...pcky,picky picky. If
I'm interested and I am I'll find out when I discuss it with
the owner. A KA1 prefix gives me a clue and I can always use
the QRZ or other call sign data base.......
Take your meds and relax. ;-)
Cheerio,
Scott
W7GSM/2

3557. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: ed.welch@cheaha.com
Message-ID: <8C1F490.0409000FC8.uuout@cheaha.com>
Source record: 200011

-> >>I am thinking about buying an MFJ HF tuner (specifically the 300w
-> one >>with dummy load, etc.) Looking on some feedback about them and
-> any

-> I purchased the '3 KW' Differential T-Tuner. Took me
-> about two days before the roller inductor melted into
-> a pile of goo.

I'm just getting into ham, but I just had a slight experience with a MFJ Versa Tuner II. Not really sure how well the tuner worked (had other radio problems at the time) but one thing that I definitely noticed was that the capacitor for the antenna side of the adjustment was rather tight and upon turning caused sporadic, scratchy static. The tuner has gone back to where it came from. Real "tinny" box, also, not heavy duty by a long ways. FWIW.

ed.welch@cheaha.com

3558. Tor's History Lesson (was: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <DsJv7I.8on@news.hawaii.edu>
Source record: 200012
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Torsten Leibold <torsten@dl1fy.rhein-neckar.de> wrote:
>And as you're just in the bookstore --- how about looking for a book
>that's for sure not a bestseller, describing your own Holocaust, where
>Americans were also willing executioners of Franklin Roosevelt in
>persecuting, beating up and interning U.S. citizens coming from Japan.
>This happened all just for "national security" and so was for sure
>properly justified.

Now Tor, let's be careful here. First, do you have any idea how those American civilians residing in Japan were treated by the Japanese government when war was declared between the two countries? No, of course you don't. The American government treated the Japanese-Americans (JAs) *much* better than the Japanese treated American civilians.

Japan was the first government in modern history to invade our soil, and *yes* there were Japanese spies here in Hawaii providing US ship and air movements to the Japanese government. The action the US took against the JAs was justified.

Martial Law was declared here (the military took over all civilian government operations); during martial law all civilian rights *have* to be suspended, and a "shoot first, ask questions later" policy *has* to be implemented for national security and welfare of all. Can you imagine being arrested by the military because you violated curfew or allowed household lights to be seen from outdoors at night? Probably not.

It's fine to be an armchair historian 50 years later but unless you've actually been bombed by an invading force you'll never understand why the US had to take the actions it did WRT the JAs.

BTW, reparations are being made to those JAs who were interned.

Jeff KH2PZ / KH6

3559. Any mods for the Standard C508A?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: mvines@primenet.com
Message-ID: <4p5idt$pj0@nnrp1.news.primenet.com>
Source record: 200063

Anyone know of any mods for the Standard C508A dual band handi?

Thanks-

3560. WTB: Kenwood TS-850SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: kr4tz@sprynet.com
Message-ID: <31b5f045.2828980@news.sprynet.com>
Source record: 200064

Looking for a Kenwood TS-850sat, if you have one you would like to sell, please e-mail me @ kr4tz@sprynet.com.

Thanks & 73
Bill
KR4TZ

3561. Re: FT-50 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: klo@nexusprime.org
Message-ID: <647cc$1234b.2ba@news.nexusprime.org>
Source record: 200065

On Tue, 23 Apr 1996 21:32:18 -0500, jpss@ais.net (Chip) wrote:

>
>
> I was wondering if any out here can answer some questions about the Yaesu
>FT-50R?

Try going to http://www.accessone.com/~vbook/1996/jun//ft50review.htm
It might answer some of your questions about this HT.

--
^
_' `_ * Kevin Lo -- http://www.nexusprime.org/personal/klo/
.-~' `~-. - klo@nexusprime.org * HTML / Java / Perl / C
(' __. `) * Callsign: KF4JXF * AKA Radnor on most MUSH/MUSEs
`-'' ``-' GCS/MU/Od+H-s!gp?!aua--w++v++C++++HU+P+L3N+++E----KW+M--V---po+
Y+t+++5--jRG+@tv++b++D++B---e(+)u++h!f+!rn---x?

3562. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Gerald Caouette <ve6nap@oanet.com>
Message-ID: <31B63AB4.1C84@oanet.com>
Source record: 200066
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Clearly
You jest

LEO use of the existing amateur bands is a second
attempt to grab the bands.

Remember the 220 waste

After they got the spectrum they could not make use of it.

Although amateurs may not have the power to keep a commercial intrest
from stealing our spectrum, we make up a significant portion of the
decision makers, and prospective client base. UPS has not seen any
of my business since the 220 issue.

I would suggest that we as a group, can bring a lot of finacial pressure
to bear, with our pocket books and our recomendations. As we control
or influence to various extents, the purchasing decisions of the market
place and most potential target customers.

A listing of the Companies proposing the LEO allocations in our bands
should be posted and a followed with concerted effort by all amateurs
to boycott, or otherwise negativly impact these companies.

ve6nap@oanet.com

3563. FS: Kenwood TH-79A/with goodies!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: BTCQ21B@prodigy.com
Message-ID: <4p2nk0$14qu@useneta1.news.prodigy.com>
Source record: 200148

I have a Kenwood TH-79A which includes the following:

Original box
Original manual
Original rubber duck antenna
Original wrist strap
Power charger
Alkaline battery pack
Speaker Mic
Anli-8 dual bank antenna

I am asking for $500 (or best offer) plus $10 for UPS Ground Tracking shipping.

I require a money order or cashier's check and will ship radio upon receipt of funds.

If you are interested or have any questions, please respond to:

relkirk@prodigy.com

DeAnna Anderson, KC7ISG, Utah

3564. WTB - Kenwood TH-28A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: tadunlap@centuryinter.net
Message-ID: <4p2nsg$hvc@news.pc.centuryinter.net>
Source record: 200149

Looking to purchase a Kenwood TH-28A radio. Prefer to buy accessories
with the radio but will buy without. Please reply via e-mail.
Thanks.

Todd...
tadunlap@centuryinter.net

3565. CDR Ham M rotor??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: Robert <rcollins@edcen.ehhs.cmich.edu>
Message-ID: <4p2saq$pm9@ramp2.tir.com>
Source record: 200150

can anyone give me some information on this rotor?? such as max wind load, about when manufactured, etc.??

I have seen several of them at Hamfests but have found not literature on their capabilities....to include comments, good or bad on their use.

I am thinking of getting one to turn a tri-band beam, with a 6 meter beam and a dual band vertical on the mast.

thanks in advance for any information..

rob n4yhd

3566. Re: FS:Morse/RTTY Decoder Info-Tech First $95

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: idol@ix.netcom.com
Message-ID: <4p2r11$8d5@dfw-ixnews8.ix.netcom.com>
Source record: 200151

In <4p2qke$sat@dfw-ixnews5.ix.netcom.com> idol@ix.netcom.com(NATHAN KEITH) writes:

>
>Selling in mint condition a Info-Tech M-200F Decoder with instruction/
>owners manual. Connections--audio input,video output, Morse aux.,
>scope. RTTY ASCII aux. printer loop, Printer re-232, auto start, morse
>tuning audio.
>
>New $450.00 Sell first $95.00.
>
>Selling to first offer for $95.00 complete, includes UPS shipping.
>
>Unit as new.

3567. First Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: dit111@aztec.asu.edu
Message-ID: <4p31ga$nc6@news.asu.edu>
Source record: 200152

I'm looking for suggestions for a good handheld and/or mobile for a FIRST radio. I'm taking the Tech exam soon (and if I can get CW down by then, Tech+, else a not too far away upgrade).

Post to the newsgroup or via e-mail. Thx, Dave

--

3568. Help with SWAN SWR/Power meter SWR-2A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: bmicales@facstaff.wisc.edu
Message-ID: <4p2u8u$qpq@news.doit.wisc.edu>
Source record: 200153

Hi all,

Have a SWAN SWR/Poer meter (SWR-2A) that I have lost the instruction on how to use. Can anyone help me. Meter is still in good shape!

Post here or send e-mail to: bmicales@facstaff.wisc.edu

Thank you and 73

Bruce Micales
WA2DEU

3569. Decent antenna tuners: Heath, Ten-Tec, Drake

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4p2umf$8o7@cville-srv.wam.umd.edu>
Source record: 200154

The compact ones are a compromise. Even my Heath SA-2060A didn't rate that well way back when they tested 'em. Of course, when you run just 5 watts through a tuner rated at 2000, you don't see many problems...

I have heard that Ten-Tec's auto-tuner (2 kW) can match anything from 2 to 1300 ohms, and pump through the rated 2 kW while doing so. Of course, it's almost a kilobuck...

--

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

3570. Re: IC uPC1241H cross wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <31B51B73.7093@concentric.net>
Source record: 200155

John C. Oppenheimer wrote:
>
> I am looking for a cross reference for a uPC1241H audio output IC used
> in the ICOM IC-738.
>
> Please reply through e-mail
>
> Thanks,
> John KN5L

I have the 738, I did not know they where using the uPC1241H for
the audio output. I know that chip. You don't need to cross it
just order it. You would not cross a 741c would you?
everyone in electronics knows an MC4066,uPC4066 and a CD4066 are
all the same thing.(cmos switch)
There are some part numbers that are just STANDARD and recognizable.

uPC12**H should tell any tech its an 12 volt audio chip. But the
H means high power I belive that chip will deliver up to 15 watts
if it is configured (floating ground) It should have the ability
to put out 6 or more watts as a common ground output if it
has a heatsink. I find it hard to belive it has gone bad in the
IC-738.

The uPC1241H should be available at most all parts houses
(excluding RAT SHACK) it is used in car stereos.
Try Consolidated Electronics or MCM

73s DE N9ZLE

3571. Infro. for a Yaesu FT-207R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: hartphoto@oro.net
Message-ID: <hartphoto-0506962226330001@0.0.0.0>
Source record: 200156

Needed a manual or infro. tao program the Yaesu FT-207R HT. Can Email
to hartphoto@oro.net John R. Hart(KE6FIQ)

3572. Motorala Micor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: KMAGLOUGHLIN@delphi.com
Message-ID: <4p3648$k5f@news2.delphi.com>
Source record: 200157

Quoting CSLE87 from a message in rec.radio.amateur.equipment
>Path:
>news2.delphi.com!news.delphi.com!news-feed.iguide.com!news.uoregon.edu!n
>Newsgroups: rec.radio.amateur.equipment
>Subject: Re: Motorala Micor
>Date: Tue, 04 Jun 1996 17:48:00 -0400
>Organization: Motorola RNSG - Pvt Data
>Lines: 50
>Message-ID: <CSLE87-0406961748000001@145.39.1.10>
>References: <4oa2h0$bf6@news.mcn.net>
>NNTP-Posting-Host: 145.39.1.10
>In article <4oa2h0$bf6@news.mcn.net>, johnestein@mcn.net (John E.
>Stein) wrote:
>> Hi! I have a fellow ham who's picked up an old Motorala Micor. He's
>> looking for any kind of a manual with schematics . The only
>> information he has is off the radio itself.
>>
>> FCC Xmtr Data : CC 3161
>>
>> Model T83RTA1404BA
>>
>> S/N 203CDE4804
>>
>> We have no idea what range the radio is designed to operate in. His
>> plans are to modify it to operate in either the 2 meter range or 7 cm.
>> range. I'm not sure but I think he wants to use it for a repeater.
>>
>> He'd be grateful for any info.
>>
>> You can email me at : johnestein@mcn.net as well.
>>
>> Thanks!
>> John
>> KC7MRY
>Let's put a halt to all the inaccurate speculation and wild guesses.
>The radio features are as follows:
>110W out (20% duty cycle - 1 min on, 4 min off)
>12 VDC negative ground ONLY, maximum draw is 35A in Tx
>Freq Range: Somewhere in the 136-174 MHz window
>Band Splits are 136 to 150.8, 150.8 to 162, or 162 to 174 MHz
>You'll have to provide part numbers of exciter board and receiver
>front ends to define which window for each.
>Radio is NOT equipped with coded squelch
>Radio has noise blanker on receivers

>Radio has dual (wide spaced) 4 channel exciter -
>Max spread is 5.5 MHz limited by tuning of driver stage
>Radio has dual (wide spaced) 4 channel receivers
>The rcvrs could be two different band splits, but usually in same one.
>Manual number for basic HB MICOR is 68-81008E40
>Supplement for Extender is 68-81011E95
>Supplement for WideSpace Xmtr&Rcvr is 68-81014E15
>Call Motorola Parts at 800-422-4210 to place order
>--
>Karl Beckman, P.E. < If our English language is so
>> Motorola Private Data Systems < precise, why do you drive on
>the > Schaumburg, IL / Parma, OH < parkway and park on the
>driveway? > (847) 576-0992 / (216) 265-2092
>** Opinions expressed here do NOT represent the views of Motorola
>Inc. ** --
>Amateur radio WA8NVW NavyMARS NNN0VBH @
>NOGBN.NOASI .

Alright let's get this straight once and for all!

There are FOUR ranges to Micor receivers and three for power amps and
exciters.

The way to tell the range of the receiver is by part number. I don't have
the manual in front of me, so by memory here goes:

TLD-8271 is L range 136-142
TLD-8272 is M range 142-150.8
TLD-8273 is H range 150.8-162
TLD-8274 is HH range 162-174

The front ends are identified by a part number of 01-80771B65 for
the M range, 01-80774B66 for the H range and 01-80771B67 for the HH
range. I don't know what the part number is for the L range.
I may be wrong on the exact part number but I am certain of the
65, 66 and 67 part. I could go out to the garage and look at one,
but it's after midnight already.

Exciters came in two ranges. 132 to 150.8 and 150.8 to 174 Mhz.

TLD-5131/TLD-8261 is the lower range
TLD-5132/TLD-8262 is the higher range.

The TLD-8261 and 8262 are the older models of the mobile exciter.

As for power amps...

The sixty watt model came in only two ranges.
TLD-1593 was the 150.8-162
TLD-1594 was the 162-174 range

110 watt models have three ranges.

TLD-1582 was 132-150.8
TLD-1583 was 150.8-162
TLD-1584 was 162-174

45 watt models were as follows

TLD-1602 132-150.8
TLD-1603 150.8-162
TLD-1604 162-174

Power control boards were also different

TLD-8290 45 and 60 watt
TLD-8380 90/110 watt
TLD-8620 45/60/90/110 watt units.

Also, the maximum draw at full power out is 24 amps as shown on page ii of the manual for a 110 watt radio. If this radio is pulling 35 amps, I would think something is really wrong. I suspect Karl is thinking of a Motrac or UHF Micor. They are much greater power pigs.

I will be glad to sell manuals to those interested also.

Kevin KA0JQO

(817) 431-0488

The only that stays the same is change. - Melissa Etheredge

3573. 28vdc ps info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: sco@sco-inc.com
Message-ID: <4p3dih$16ja@mule1.mindspring.com>
Source record: 200158

Are there any 28 vdc power supplies on the market?

It looks like that is what I need if I want to run larger power (300w+) on 6m, 2m and 440.

What would I need to run such a ps (28vdc) ... 110v ? how many ac amps?

3574. Re: FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: mzilmer@deltanet.com
Message-ID: <31b5288c.14584811@news.deltanet.com>
Source record: 200159

On 29 May 1996 15:57:18 GMT, David L. Williams
<74673.3553@CompuServe.COM> wrote:

>I have a FT-530 that I modified about 2 years ago to receive (it
>might also transmitt) comercial frequencies. I haven't used it in
>a while and now the batteries are dead. The part I can't remember
>is when you first turn it on you need to hold down a couple of
>buttons to finish the modification. Does anyone remember how to
>do this?
>
>David Williams
>Dwilliam@ksjo.com
>KD6QPR

Unless the 5 year lithium cell went dead, you don't need to reset back
to the mod. Even if the lith is dead, you probably can just put in a
fresh pack, and the radio will reset.

If the above is wrong, yes, pushing the up and down arrow keys while
powering the 530 up will cause a reset.

Matt
WA6EGJ

3575. 75A-4 Repair Recomendations??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: N1SQJ <tde@snet.net>
Message-ID: <31B51F8B.707A@snet.net>
Source record: 200160

Checking around for a good place to repair my 75A-4. Just wondering if anyone out there has a good tip...someone who specializes in these radios. I have a mystery static (probably a cap), but haven't been able to pin it down. Ready to send it out.
Rick, N1SQJ

3576. Re: Quick Call 2?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4p33ne$18a@news.halcyon.com>
Source record: 200161

rtw@fuwutai.att.com (Rob Whitacre) wrote:

>>CTCSS "subaudible" is a bit of a misnomer, you can hear it, but it is not
>>very loud... more like a light buzz.

>The term subaudible is correctly used in radios properly designed for it.
>These units include high-pass filtering in the receive audio section to
>prevent CTCSS tones from coming through to the speaker. The idea was that
>since all the tone frequencies are below the human speech frequency range, a
>filter could be used without effecting voice quality. Many ham radios do not
>include this filtering, thus the tone noises. Also, it is important to make
>sure that the tone modulating the transmitter is clean (free of harmonics).
>Often, the "buzz" which is heard are harmonics of a dirty tone generator.

>Rob WB8WQA

I do not know of any currently Amateur radios that support two tone decoding.
You will most likely need to purchase a commerical radio like the ICOM F30 LT
for VHF or ICOM F40 LT for UHF, both support tone tone decode with the UT-80
installed

Gary

3577. Anaconda (Syntor Agile Head) Update

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-05 00:00:00 UTC
From: mzilmer@deltanet.com
Message-ID: <31b5297a.14822273@news.deltanet.com>
Source record: 200162

Hi,

Jeff and I did, in fact, suffer a few serious setbacks, including lost jobs. So Anacaonda has had to take a back seat while we got re-established. This did not happen right away for either of us. Peronally, I am just starting to recover.

This is not an excuse, nor an apology. We are holding inventory on the remote (radio) PCB's. The brain (control head) PCB is in layout now. Firmware needs the most work, and is in process. Manuals are also in process (assembly and installation manual is being proofed, operator manual is done).

No more promises, and no more magic dates. We both have a sizable investment so far and will finish the project. Then on to the Syntor X remote PCB and kit. But, sorry for the delay.

Please *do not* post replies or flames in this newsgroup. If you must post these, please send them instead to mzilmer@deltanet.com. I'll be fielding the queries from now on. If our potential users have any patience left, thanks.

73,
Matt Zilmer
WA6EGJ
Advanced Radio Workshop

3578. Re: ICOM CI Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <31B790BD.47F4@concentric.net>
Source record: 199913

Tom Schaefer wrote:
>
> I just bought an IC 738 and I am looking for a schematic for an interface to my
> computr. I have a schematic in the new handbook, but the parts supplier (CW
> Technologies) seems to be out of business. They use a Harris IC232 Level
> converter. This project could also be done with two Radio Shack parts
> (TTL-RS232 converters). Does anyone have a schematic? It seems kind o silly to
> pay $100+ for a few chips and other components from ICOM.
>
> Thanks,
>
> Tom NY4I

I have a diagram that uses two transisters but requires 5volts or
a 5 volt regulator IC (7805) I can not find it at the moment it must
be in an archive. I you want I have several of the pc-boards put
together, I can send you one for $25. or I can look up the info
in a day or so and Email it to you.
Bruce N9ZLE

3579. Re: IC 736 microphone -- What are you using?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <31B7929D.6164@concentric.net>
Source record: 199914

Gregory J. Buhyoff wrote:
>
> I have an IC 736 dedicated to 6 mtr operation. I notice that I don't get
> much ALC action on 10 and 6 meters at 100 watts of output with the hand
> microphone supplied with the 736 or with a Heil dynamic element (which
> requires the gain to be really cranked up). There is no problem with
> power output. It just drives me a little crazy to not see the needle
> move at all when the meter is switched to ALC. So, what are other IC 736
> users doing for microphones? What sounds good with the tx audio
> circuitry of the 736? Is anyone using the Icom SM-6, SM-8 or SM-20 and
> what is your experience. I very much appreciate your time and am
> grateful for any responses. Please respond to Buhyoff@vt.edu or here if
> you think there might be valuable thread for others to read.
>
> 73, Greg KN4FR

I have the SM-6, been using it since the day I got my 738, Never
used the Hand mike I learned a lesson on the first ICOM I purchased
N9ZLE

3580. Re: Info IC-738 Xcvr?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <31B791F4.31B7@concentric.net>
Source record: 199915

Jeff Hutchinson wrote:
>
> Anyone have experience with a Icom IC-738? I'm thinking of buying one.
> Any known product reviews? Thanks es 73,
> Jeff W4PBC

KN5L Has a problem with his rig, or his ears.

I have the 738 and its better than the Kenwood 850 (personal opinion)
The only thing I don't like about it is the Local Osc drifts a little
it stays within specs 200hz but 200hz is alot in my book.

The rig is easy to use, you won't need your manual just hook it
up and run.

N9ZLE

3581. Re: WTD: FT-51r mods extended Tx?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31B7793E.653@hogsett.com>
Source record: 199916

Dave Bryndal wrote:
>
> I am looking into buying a ft-51r and want to also use the radio
> for work and GMRS.

This is going to be a problem because it's not type-accepted for that. You could lose your ham license doing this (assuming the FCC actually cared :-)

--
["That's just my opinion. I could be wrong" - Dennis Miller
[
[Jerry Hogsett N6CCM (home) jerry@hogsett.com
[POB 636 RWC CA 94064 (work) jhogs@micrografx.com
[(500)-G-HOGSETT http://www.hogsett.com

3582. Re: TS450SAT Exteded RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: "Bruce C. Raisley A.R.S. N9ZLE" <n9zle@concentric.net>
Message-ID: <31B7931D.24B1@concentric.net>
Source record: 199917

Marinus Willemstijn wrote:
>
> I received a mod that will allow the TS450SAT to RX above
> 30Mhz. In the mod the author states however that if you do this
> mod output power on 10m will drop to about 50W.
>
> Isn't there a mod somewhere that will give you extended RX with
> no loss in power?
>
> --
> Marinus Willemstijn
> Tel +27 12 325-6503
> willemma@telkom19.telkom.co.za

THERE IS NO MOD FOR THE TS450 FOR EXTENDED RX ABOVE 30Mhz you will
have to add a transvertor (can be done with a few parts)

3583. Re: 2m SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4p8672$ga1@nnrp1.news.primenet.com>
Source record: 199918

TRon Davis <rond@intellect.com> wrote:
: I need to purchase a 2m SWR meter of acceptable quality and affordable
: priced. Actually - I need a 2m/70cm dual band capability - but have not
: seen anything like this. Any recommendations?

Radio Shack has one for about $35. Works for me.
--
73, Cecil, KG7BK (W6RCA soon), OOTC

3584. FT102 Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: r.a.booth@shu.ac.uk
Message-ID: <4p6oq5$2m1@redwood.shu.ac.uk>
Source record: 199919

Hello Everyone

I'm having a problem with my FT102 transceiver. When I end transmitting
and release the PTT switch, the relays click over and it goes into receive - as
would be expected. The problem is that now the receiver is very deaf. If I then
press the ptt a couple of times, usually the receiver comes back up. Could this be
caused by faulty / dirty relays in the changeover circuit ? Is this a commom fault ?
Any suggestions regarding repair ?

Many Thanks

Richard Booth, G0TTL

email :- R.A.Booth@shu.ac.uk

3585. Re: RG-389

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: nts@nortech.com
Message-ID: <nts.514.0578F504@nortech.com>
Source record: 199920
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4ouvd8rvd1@mhadg.production.compuserve.com> Ron Notarius WN3VAW
<76336.2175@CompuServe.COM> writes:
>From: Ron Notarius WN3VAW <76336.2175@CompuServe.COM>
>Subject: Re: RG-389
>Date: 3 Jun 1996 15:12:40 GMT

>Anyone ever hear of this cable type, or better yet, have any specs
>on it? I purchased some at Dayton; it's supposed to be 50 ohm 1"
>hardline. Before I invest the time into changing the antenna to
>an "N" connector & installing the cable, I'd like to be sure of
>what it is.

>Thanks!

Ron,

The "Times Microwave Coaxial Handbook" says:

RG-389
Inner Conductor: 0.2500 in. BC Al.
Dielectric: PE Spline
Nom. DOD: 0.635
Sheilding (number/type): 2/SC
Jacket material: PE-IIIA
Nom. OD: 0.875 in.
Weight: 0.366 lbs/Ft.
Nom. Impedance: 50.0 Ohms
Attenuation @ 400 Mhz: 1.5 dB/100Ft.
Nom. Capacitance: 22.8 pf/Ft.
Operating Temp. Range: -55 to +80 C.
Max. Operating Voltage: 2000

Notes: Low loss version of RG-189/U

Hope this helps a bit.

Dean
N7ZRS

3586. HELP: Need pictures of HW-101

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: "JOSE V. GAVILA" <Fermax.esp@vlc.servicom.es>
Message-ID: <4p5rek$goe@ns.mad.servicom.es>
Source record: 199921
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

Hello and THANKS for reading this article.

As title says, I'm looking for pictures of the HW-101 transceiver, both inside and outside. Please, if you have one, send to me at:

EB5AGV@AMSAT.ORG

You can use Mime or UU-encode systems. Any graphic filetype could be useful.

THANKS!

73s JOSE - EB5AGV@AMSAT.ORG

3587. Re: FT757GX Info & help Request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: mreiney@hevanet.com
Message-ID: <4p57uc$9ms@vista.hevanet.com>
Source record: 200067

You'll also find that the GXII allows control of more functions. in
particular, you can't remote control the sideband selection on the
older GX. Real disadvantage for remote base use.

billh@getnet.com (Bill Hosking) wrote:

>I have discovered(owning a FT757GX) there is a difference between
>the GX and the GX II that is very important to those of us
>wanting to control the radio with a computer. In a GX there is
>only data flow in - no acknowledge or status out. The GX II
>(among other changes) has data coming back out.

>I have found several programs written for the GX II which will
>NOT work on a GX. Has anyone seen a program for the GX??? Or has
>anyone seen a mod for the GX to get serial data out? Any help
>would be appreciated.
>73
>Bill W7JSW
>billh@getnet.com

3588. OWNER WO's on IC706, FT900CAT, etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <4p58a7$8i6@anarchy.io.com>
Source record: 200068

OK, I've heard enough positive reviews on all these "mini"-rigs, so now I'd like to hear the bad news.
How about some of you guys that have been "burned", on these rigs (new buyers only, not used).
I want to hear about the bad points, or "horror" stories, on any of the new "mini-rigs".

Matthew A. Erickson
INTERNET ADDRESS; kk5dr@io.com
Location; "Middle-of-nowhere" (otherwise known as Paige,Tx.)
Occupation; Temporary resident of planet earth, (sometimes I'm the windshield, sometimes I'm the bug.)
Motto; "Infidilus non-carborundum" & "Carpia Deium" (thats latin, you know)

3589. FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: vachonca@ERE.UMontreal.CA
Message-ID: <4p591l$g3u@epervier.CC.UMontreal.CA>
Source record: 200069

```
Antenna for 10, 15 and 20 meters, KLM KT34XA: 600,OO$ can.
Beam for 2 meters, 11 elements: 50,00$ can.
Tail twister motor: 400,00$ can.
Tower (Delhi), 48 feet: 300,00$ can.
Coaxial wires: 50,00$ can.

TOTAL: 1400,00$ CANADIAN DOLLARS, NEGOCIABLE!

For info, call VE2-XYL (Jacqueline Vachon) at (514) 663-5267
after 5 p.m.
Looking for Quebec, Ontario or New England buyer.
```

3590. Re: IC 706 only for VHF ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: bclongwell@delphi.com
Message-ID: <9606052108591.The_Win-D.bclongwell@delphi.com>
Source record: 200070

> : Hello everybody.
>
> : I have bought a IC 706 and in my country I only can use it in 144 Mhz
> : with my licence. I need to modify it to only have full coverage onn 144 Mhz.
>
> : Do you know the mods to turn off the HF bands on this transceiver ???
>
> : Any comments are welcome. 73s
>
> : -- Roberto

Remove the HF/6meter PL259 and fill hole.

3591. NEED used equiptment!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Scott9@usa.pipeline.com
Message-ID: <4p58bt$oe0@news2.h1.usa.pipeline.com>
Source record: 200071

ATTENTION!

I am studying for an amateur radio Technition Plus licence and I need to get a rig. I am on a very small budget so if you have a good all-around tranceiver for under $250 let me know. Thanks.

-73-

3592. WTB: Dual band mobile with detachable face

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31b6395c.250286242@news.netins.net>
Source record: 200072

Hi and thanks for reading my message. I'm looking for a dual band (2M/70CM) mobile with a detachable face. I bought a new car and my old radio won't fit. Any brand is OK. Thanks and 73, Alan KE3OK@netins.net

3593. Yaseu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: sproctor@calweb.com
Message-ID: <4p5dud$97c@news.calweb.com>
Source record: 200073

For Sale:

Yaesu FT-530 Dual Band HT
Extra 5watt Battery
Box, Accessoroes, and Documentation

Excellent Condition!

$350.00 (Free Shipping in US)

Reply email to sproctor@calweb.com or call me at 916-556-2397

3594. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: geo@nando.net
Message-ID: <31b64a54.258147@news2.nando.net>
Source record: 200074

>
>Unfortunately, does come with schematic and I want to modify CW
>bandpass to cover packet (1600-1800) or rtty (2125-2295).
>
>Anyone out there successfully made this type of mod yet ?
>
>de Richard/NT2Z

Uh, maybe I'm missing something. To "modify" a DSP filter would require modifying the code stored in ROM. The RatShack unit has this code stored on a soldered in DSP chip.

Unsolder the chip, and then (if it isn't read protected) load it onto your PC. Decompile the code and simply make the changes.

Good Luck!

George

THE geo DXCC page and THE geo LOVEBIRD page
http://www.webbuild.com/~geo

3595. Fw: Subject: IC-T7A frequency range/experience

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: uli@suba.com
Message-ID: <N.060596.224346.62@suba.com>
Source record: 200075

>
> I am looking into buying a 2/70 handheld and am considering the Icom.
>
> What are the experiences with this ht in terms of performance
> and ease of use?
>
> Does anyone know to what range the frequency range on the IC T7A
> can be expanded and how it is accomplished?
>
> Any input is appreciated.
>
> 73
> --
> DL2GCU/W9 - Uli Baecker - Chicago, Illinois
> E-Mail: uli@suba.com, uli@ewus.memo.bosch.de

3596. Re: FTP site for mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Hiatt <hiatt@flash.net>
Message-ID: <31B72E76.CF4@flash.net>
Source record: 200076

Roberto Munoz wrote:
>
> Hello everybody...
>
> Some months ago I had a FTP site where I could find a lots of mods for
> radios. A terrible virus named "BARROTES" came on my O.S and clear all my
> partitions with deleting all...
>
> I need to know where is this site on internet. I need to make a mod on my
> TM733 ...
>
> Many thanks ! 73s
>
> -- Roberto
>

Try a friend of mine home page at http://www.dfw.net/~dmclean
He has a "HAM page" that also includes links to other HAM pages and (I
believe) a link to some sites that mods for the Kenwood TM 733.

73s
kc5nfd -- clear

sean hiatt@flash.net

3597. Ameco PT2 part id needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <28300.834036057@safety.ics.uci.edu>
Source record: 200077

Anyone have the Ameco PT2 preamp and can tell me the value of resistor R12? You would need to pop the lid to see it, but it is easily visible from there. The schematic does not give the value (!) My friend Dennis would like to get it back on line, the resistor is charred beyond recognition.

Thanks for any help.

Clark
WA3JPG

3598. WANTED: Old cipher machines

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: henryt@perth.DIALix.oz.au
Message-ID: <4p5n4t$d0t$1@perth.DIALix.oz.au>
Source record: 200078

Hi,
I am very interested in purchasing old cipher machines. I am particularly interested in machines which have wheels or rotors. If you can help please e-mail.

Regards,
Henry.

3599. Re: Needed: FM stereo multiplex ICs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: pastark@cloud9.net
Message-ID: <4p5pf2$86k@cloud9.net>
Source record: 200079
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.shortwave

Rick Cramer (rickc@eden.com) wrote:
: I too have been trying to find a stereo mx chip.
: Does anyone know of any more information... the web sites mentioned
: below were not much help.

I guess you're talking about the Rohm Ba1404. It's a stereo multiplex generator plus an FM oscillator; you can build a stereo FM transmitter with just this one IC and some parts. But follow the Rohm spec sheet exactly unless you know what you're doing -- it's important to preserve the phase angles and duty cycles in the multiplex circuit. Even the designers of one popular FM stereo transmitter kit goofed up the design for their unit because they didn't know what they were doing. The one problem with this unit -- FM carrier instability and drift. It's really best to use the BA1404 to generate the subcarrier, pilot tone etc., and then use a separate FM transmitter (frequecy controlled) for the carrier.

Pete

3600. FS: Icom R1 and RS DX-390

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: sharvey@soar.com
Message-ID: <667cc$126b.3b3@news.thefuture.net>
Source record: 200080

I have two items I am selling. First is a Icom R1 handheld
communications receiver. It has a couple of scratches and the
internal battery does not work. Will include a BP-90 battery holder
with new nicads and Radio Shack lapel speaker. Asking $350.
Also have a Radio Shack DX-390 General Coverage Receiver.
This is a current model still sold today. It is like new and used
very little. Asking $125. Email me or call at 509-466-4374.

3601. IC-706 MODS ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.960606105918.154A-100000@linux.ea4abb.ampr.org>
Source record: 200081

Hello everybody ! I am looking for the mods to the IC-706 to turn off the
HF TX/RX. I must do this mod because in Spain my licence only can TX on VHF.

Someone told me that it is possible because there is a special module for
VHF. If you have do the mod please let me know how do you do this ?

73s and tnx in advance

-- Roberto

Email:ea4abb@ea4rct.clubs.etsit.upm.es | ampr: ea4abb@linux.ea4abb.ampr.org
fidonet: Roberto Munoz 2:341/64.10 | ax25: ea4abb@ea4een.eam.esp.eu
<A HREF="http://www.etsit.upm.es/~rclub">Paginas WEB del Radioclub EA4RCT</A>

3602. TS450SAT Exteded RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Marinus Willemstijn <willemma@telkom19.telkom.co.za>
Message-ID: <4p6cv2$krg@igubu.saix.net>
Source record: 200082

I received a mod that will allow the TS450SAT to RX above
30Mhz. In the mod the author states however that if you do this
mod output power on 10m will drop to about 50W.

Isn't there a mod somewhere that will give you extended RX with
no loss in power?

--
Marinus Willemstijn
Tel +27 12 325-6503
willemma@telkom19.telkom.co.za

3603. Re: Question on DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: geo@nando.net
Message-ID: <31b6bc0a.638228@news2.nando.net>
Source record: 200083

> If I DO get interference, would a DSP unit help?

The best offense is a good defense. Getting rid of the noise source is always more effective than using a DSP on the noise.

The problem with the DSPs is that they are working after your receiver, that means the AGC has already been affected and weak signals lost. If your line noise is stronger than the signal you want to hear, it can't be recovered (it can't put intelligibility where none exsists). If however the noise is weaker than the desired signal but is just unpleasant the DSP can provide some relief.

The only noise reduction mode effective on impulse type noise is Spectral Subtraction which JPS has in the NIR 12. JPS also sells the ANC-4 (for half the price) which is a real honest to goodness RF device intended to eliminate mna-made noise BEFORE the RX. Unfortunately it's upper limit is 80 MHz, so it will work on 6, but not 2 meters.

73 DE KQ4QM (George)

THE geo DXCC page and THE geo LOVEBIRD page
http://www.webbuild.com/~geo

3604. FS: Kenwood TS-50s +AT-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Andres Martinez <andres@flash.net>
Message-ID: <31B68AA5.4014@flash.net>
Source record: 200084

I'M POSTING THIS HERE BECAUSE I TRIED TO CONNECT TO
rec.radio.amateur.swap

and I got the following message:
News Error!
News host responded. No such group.

----KENWOOD--TS-50S--AND-MATCHING--TUNNER---AT-50-----------------

FOR SALE:
Reason:
I live in an apartment and I cannot place a good antenna to
use my Kenwood TS-50s + Antenna Tunner (AT-50).
I tried a vertical R7, and a dipole, but the conditions are no good
for a permanent setup.

I'm asking $950 for both units, I'll include original Manual + Boxes.

Equipment is in perferct shape
(I also need the money because a new baby is on its way!)

let me know...
thanks

andres YV5KRI (in Houston TX)
-73-

--

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============================================================
>>> Andres Martinez Coronel - Houston TX - USA <<<
WEB MASTER/SOFTWARE ENGINEER/PROF.TRANSLATOR/HOME AUTOMATION
OFFICE: andres@wst.com HAM Radio License: W5/YV5-KRI
HOME : andres@flash.net Dimacorp International - Houston
============================================================
```

3605. Kenwood TS 440s To PC RS232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: PAUL MULLINER <PAUL@mulliner.demon.co.uk>
Message-ID: <291899550wnr@mulliner.demon.co.uk>
Source record: 200085

Hi
Can anyone help? I'd like to find out info on the above. I'm wanting to
build a home brew interface for the job. I have the info on Kenwood
interfaces, (only prices no technical stuff!) but its a costly afair!.
I,m sure we can come up with a cheaper alternative!
Also recomendation on which S/W to run once I've built the interface
welcome. 73's for now! PAUL.....
--
****
* Paul Mulliner *
* Barnsley, Yorkshire, UK *
* paul@mulliner.demon.co.uk *
****

3606. Re: Any MODS on GSM phones to make Talky walkies ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: PAUL MULLINER <PAUL@mulliner.demon.co.uk>
Message-ID: <118931562wnr@mulliner.demon.co.uk>
Source record: 200086

In article: <4p51tm$7ep@mordred.cc.jyu.fi> ccadic@lenet.fr (Philippe Cadic) writes:
>
> I'd like to know if it is possible..
>
>
Maybe with the real old phones it may be possible but with GSM forget it! >
>
--
****
* Paul Mulliner *
* Barnsley, Yorkshire, UK *
* paul@mulliner.demon.co.uk *
****

3607. Re: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31B6B7F2.635F@southwind.net>
Source record: 200087
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Torsten Leibold wrote:
>
> And as you're just in the bookstore --- how about looking for a book
> that's for sure not a bestseller, describing your own Holocaust, where
> Americans were also willing executioners of Franklin Roosevelt in
> persecuting, beating up and interning U.S. citizens coming from Japan.
> This happened all just for "national security" and so was for sure
> properly justified.
>
> Bye,
> Tom (an ordinary German and as a ham - a citizen of the world).

There is only one thing worse than the nazi's, communists and internment governments: A racist people with a supportive government that will lie to you one day then kill you and steal your land the next. Just ask any native north or south american, if you can find one.

I wonder what would have happened if the Souix nation had had nuclear weapons back in 1870?
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

3608. Radio Shack Clearance

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: sandy.gm8svb@zetnet.co.uk
Message-ID: <4p6joe$op2@roch.zetnet.co.uk>
Source record: 200088

ITEM'S FOR SALE.

Kenwood/Trio
TR9000 2m Multi-Mode Transceiver 10 Watts Output + Manual,Mic
And Mobile Mounting Bracket.
Price 180 GBPS ONO

Kenwood
TH77E FM Dual Band Hand Held Transceiver 2m/70cms With Spare Ni-Cad
Battery Pack,Charger, SMC-33 Multi-Fuction Mic, DC Lead &
Workshop Manual. All with Original Packing.
Price 350 GBPS ONO

Yaesu
FT-5200 FM Dual Band Mobile Transceiver 2m/70cms 2m 50 Watts Output
70cms 35 Watts Output. Workshop Manual, 2 Mobile
Mounting Brackets, Sepration Kit, Speaker Mic, Normal
Mic, All With
Original Packing.
Price 650 GBPS ONO

For More Info Contact.
Mr Alexander R Duncan GM8SVB
Drumduan
19 Bellevue Road
Banff AB45 1BJ
Scotland

Telephone Banff 01261-812274

E-Mail sandy.gm8svb@zetnet.co.uk

3609. Re: What ham wives really think.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4p6luv$b1h@shore.shore.net>
Source record: 200089
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

hayward@cs.uchicago.edu (Kristin Rachael Hayward) wrote:

>Burt, you been stealing things from alt.support.divorce again?

>On a more serious note, why do you find it necessary to slam people
>here and in the alt.support.divorce groups?

>I suppose it is one way of getting attention, but it does become
>rather tiresome in the end (like the screams of the little boy on the
>play ground who will only play a game *his* way).

Oooohhhh! Nice Slam!
==========
cheers! jim martin, wk1v
lowell, mass
http://www.shore.net/~jjmartin/jjm.htm

3610. Re: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: arden@teleport.com
Message-ID: <4p6m7f$kll@nadine.teleport.com>
Source record: 200090
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

torsten@dl1fy.rhein-neckar.de (Torsten Leibold) wrote:

>And as you're just in the bookstore --- how about looking for a book
>that's for sure not a bestseller, describing your own Holocaust, where
>Americans were also willing executioners of Franklin Roosevelt in
>persecuting, beating up and interning U.S. citizens coming from Japan.
>This happened all just for "national security" and so was for sure
>properly justified.

>Bye,
> Tom (an ordinary German and as a ham - a citizen of the world).

While no rational person would blame younger Germans for the
holocaust, this comparison between the NAZI holocaust and Japanese
internment is a little absurd. While Japanese people were interred,
they were not enslaved. They were not processed in factories of
death. Their body parts were not used to make lampshades, knife
handles and soap. On the other hand, they were allowed to serve in
the military through which they were the most highly decorated group
in the war. Comparing this to the real holocaust is an insult to Jews
everywhere.

On the other hand, I think that the original spammer's castigation of
the German people, especially the current generation, was unwarranted.
Aside from the Nazi's I see many positives in German culture.

Arden Eby KI7FG

****
Arden Eby
Internet: arden@teleport.com
Packet Radio: KI7FG@KA7AGH.OR.USA.NA
Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
****

3611. Opinions on FT-900/CAT ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: cteclaw@clark.net
Message-ID: <4p6n6v$51f@clarknet.clark.net>
Source record: 200091

SRI if these questions have been posted recently. Am considering purchase of FT-900/CAT and wonder whether the Collins filter does much. It would seem that xtal passband filter design has been reasonably stable for at least a decade. Why has Yaesu felt the need to offer the Collins filter? Was the other ssb filter deficient somehow? Or is this just a costly marketing gimmick?

Since I will be using the rig primarily on cw, does anyone have any info on whether the semi-qsk implementation is a good one? Does it significantly truncate the first dot or dash as some rigs do?

Tnx in advance, 73 de NT3G

3612. Re: help with ringo ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Troy Wolford <wolford@resbld.csc.ti.com>
Message-ID: <31B7046A.3EBF@resbld.csc.ti.com>
Source record: 200092
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Set element length to 38.5" from TOP of ring then adjust ring for min
SWR. This should be centered at 146.00 MHz
good luck
Troy
KC5KDM

3613. FT-11R DC Power options

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: kleerdex@epix.net
Message-ID: <4p6oov$7oo@star.epix.net>
Source record: 200093

I'm thinking of adding an external DC power capability to the Yaesu FT-11 without having to resort to buying several custom and expensive devices from Yaesu. Looking at the schematic, it would seem an easy option to attach a standard DC socket to an empty battery case and include 2-3 diodes for polarity protection and to drop to 11vdc. Anybody done this or see a problem?

Also, anybody using AA nicads in the FBA-14 battery case? I realize the manual says not to, but best I can tell that is only to sell more custom batteries, not for any technical reason (OK, the store bought nicads don't have current limiting, but that isn't really a problem, is it? If the radio has an internal short it already has a problem and I don't plan on using the radio in explosive atmospheres anyway!). Any comments?

=Vic=
WA4THR

3614. WTD: FT-51r mods extended Tx?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: ia514@cleveland.Freenet.Edu
Message-ID: <4p6q96$eok@madeline.INS.CWRU.Edu>
Source record: 200094

I am looking into buying a ft-51r and want to also use the radio
for work and GMRS. A Tx mod in combination with the availible
Rx mods would effectively eliminate 3 radios (scanner gmrs & work
radio) as well as being my ham HT. So any one out there find the
mods?
73 Dave
--
Dave Bryndal ============= Save the Chagrin Falls and Southern RR
ia514@po.cwru.edu====================================
dbryndal@gilmour.pvt.k12.oh.us=======================
knuckle@railnet.nshore.com===========================

3615. Dual-band Ham HT for Search & Rescue?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: philkeys@olympus.net
Message-ID: <philkeys-0606960603040001@ptpm001.olympus.net>
Source record: 200095

What's a good rugged dual-band HT for use in wilderness search and rescue? Here are some conflicting requirements:

Rugged and reliable
Waterproof (water resistent?)
Full 5-watt output
External DC power input
Long battery life
AA cell battery pack accessory
Rugged speaker-mic
BNC antenna connector
Easy to use
Easy to use in the dark
Lightweight
Modifiable for public safety band transmit.

HT will be used in all weather condition in a chest pack while hiking and climbing. Will be carried in a chest pack, usually with flexible 18" antenna and backup external 12 VDC battery.

--
philkeys@pt.olympus.net (Phil Keys) KJ7ET Jeff Co Search & Rescue
Software Consultant - specializing in software safety & SQA
Port Hadlock, WA 98339 (206) 379-8650 122 44.0W 48 02.0N

3616. Icom HM-23 mic pinout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Dj Merrill <deej@vsl.ist.ucf.edu>
Message-ID: <31B6F9BB.41C6@vsl.ist.ucf.edu>
Source record: 200096

Anyone have the pinouts for the Icom HM-23 mic, or one of the
Icom radios that it plugs into?

Thanks!!

-Dj

--

Dj Merrill Institute for Simulation and
Training / UCF
Associate in Simulation 3280 Progress Drive, Orlando, FL
32826
deej@vsl.ist.ucf.edu - N1JOV (407) 658-5513 / Fax: (407) 658-5059

"BSD: The way Unix should be"

3617. Re: MFJ1278 and JVFAX driver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Tfugate@pop.uky.edu
Message-ID: <4p70db$2p2@service3.uky.edu>
Source record: 200097

In article <31B3B249.7518@concentric.net>, "Bruce C. Raisley A.R.S. N9ZLE"
<n9zle@concentric.net> says:
>
>I'm currently working on a driver for JVfax ver 7.1 to
>work with the MFJ1278B in 16level mode for SSTV. I have the
>receive part working but its very buggy at the moment.
>
>It would be nice if I can get some support, but it seems that most
>hams talk about sstv on 14.230/14.233 and send very few pictures.
>
>I have asked in the past if there was a driver available, and the
>only answer was to modify the TNC for DTR/CTR/DSR/CTS operation.
>I'm not one to start pulling wires and makeing drastic changes to
>my equipment if I don't have to.
>
>If there is anyone out there with the same problem let me know
>I will make the driver available when it is done.
>
> Bruce N9ZLE
After beating my head up against this problem, I just gave up and
built the "simplest" (op-amp comarator) converter as shown in the
JVFAX docs. It took about 30 minutes to put it togather and has
worked flawlessly every since.
Good luck

3618. F.S. HF and Dualband

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Gregory Boren <symntlab@netxpress.com>
Message-ID: <31B70D98.6E13@netxpress.com>
Source record: 200098

Hi name is Greg/N5SKE in San Antonio Tx. I clearing the shack for a big
move, must get rid of the excess before I get new. Have the following
for sale:

Alinco DR-600T 144/440 mobile with remote cable $410 OBO

ICOM IC-720A HF Transceiver w/PS15 power supply
and service manual, really clean, less
than 2 years light usage. $700 OBO

Sony IPS-760 GPS w/marine map card,DC adapter $425 OBO
All radios have original manuals
All prices include shipping.

If interested return E-Mail with phone and I'll call you.

3619. Advice on 2m linear amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: tgeyer@rain.org
Message-ID: <4p72mf$3tg@news.rain.org>
Source record: 200099

I am interested in purchasing a 2m amplifier for my car. I hope to plug it into the cigarette lighter and boost my HT output. I have seen two inexpensive amps that seem to fit the bill:

1) Radio Shack. 120$ (100 on sale). Plugs into lighter and puts out 30W at 5W input.

2) Tucker electronics (99$). Don't know if it plugs into the lighter, but it puts out 20W on 0.5W input and 30W on 5W input.

Does anybody have experience with either of these two units? Any advice regarding these two units, or other similar inexpensive amps would be greatly appreciated.

Tom

--

| Tom Geyer | tgeyer@rain.org |
| Santa Barbara, CA | |

3620. Re: FT-1000 Expert Needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Alan Harp <harp@nortel.ca>
Message-ID: <31B70D9B.41C67EA6@nortel.ca>
Source record: 200100

Set your main VFO up on LSB to the desired frequency

Press A to B button. (Can't type an arrow)

This sets the two VFOs alike.

Now change to USB on the main VFO
Madjid wrote:
>
> Jim Nance wrote:
>
> > Swithing between sidebands usb and lsb is not the proper way to set the
> > master oscillator. You are probally thinking of the way to set the
> > carrier points without test equipment. If you want to be accurate and
> > apparently the original post is if they are concerned about 50 cycles.
> > Forget WWV and set the freq. with an accurate frequency counter.
>
> I am not an expert in FT1000, but there is a way of adjusting that using
> the Receiver in USB and Sub-receiver in LSB at the same time on WWV to
> create a beat. Check your manual.
>
> --
> Madjid BOUKRI, VE2GMI
> ORION Microsystems Phone: (514) 626 5002
> Internet: orion@odyssee.net Compuserve: 71061,154
> --
> Antenna simulation program NEC4WIN found at:
> http://www.coast.net/SimTel/SimTel/win3/hamradio/nec4w15.zip
> http://castor.acs.oakland.edu/cgi-bin/vsl-front (search nec4w15.zip)
> --

--

****
* Alan Harp K4PB * Nortel Inc. * CW FOREVER *
* mail: harp@nortel.ca * Research Triangle Park, NC * *
****

3621. Re: FTP site for mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Christian Reineke <reineke@marie.physik.TU-Berlin.DE>
Message-ID: <Pine.GSO.3.93.960606202252.14487G-100000@marie.physik.TU-Berlin.DE>
Source record: 200101

On 3 Jun 1996, Roberto Munoz wrote:

>
> Hello everybody...
>
> Some months ago I had a FTP site where I could find a lots of mods for
> radios. A terrible virus named "BARROTES" came on my O.S and clear all my
> partitions with deleting all...
>
> I need to know where is this site on internet. I need to make a mod on my
> TM733 ...
>
> Many thanks ! 73s
>
> -- Roberto
> ____

...Try the following FTP sites in germany:

epix.rrze.uni-erlangen.de/pub/pc-freeware/hamradio/rigmods or
afutub.extern.tu-berlin.de/pub/ham-radio/mods

most of the stuff there is written in german, but there is surely someone
in your neigbourhood, who is able to translate.

vy 73
Christian
reineke@physik.tu-berlin.de

3622. Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: jspatric@mailhost.ecn.uoknor.edu
Message-ID: <4p7g5g$chn@frazier.uoknor.edu>
Source record: 200102

I'll be getting my ticket shortly, and would like to purchase a nice HT (dual band preferred) as my first radio.

I've heard about Icom, Yaesu, Realistic (RS), etc. Which do you consider the best?

I'm thinking about a Yaesu FT-50R. Any comparisons to better handhelds within the price range?

Thanks!
John
--
John Patrick (jpatrick@ou.edu)
Electrical/Computer Engineering Senior @ The University of Oklahoma
* John's EE Page: <http://www.ecn.uoknor.edu/~jspatric/ee-info.html> *
Check it out!

3623. Re: ICOM CI Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: "William O. Reichert" <billnihh@apci.net>
Message-ID: <4p7jk3$g1n@queeg.apci.net>
Source record: 200103

There have been several in QST, unfortunately, I can't put my hands on the issues just at the moment. I suspect the one in the handbook is the one I built. It uses a MAX232 level converter with a buffer and a few caps and resistors. The MAX 232, probably the same as the other chip, is available fro Digi-Key for about $6 bucks, I think. I probably spent $20 putting one together, and it seems to function just fine.

There are a couple of other places for interfaces. A place called JBI Technology in O'fallon, IL, just a few miles from here, sells a kit for $30. There have been new product announcements in several of the ham mags, QST and Nuts and Volts, I know. Again, I don't have the address and number at hand, if you need it let me, I'll dig it up.

73,
Bill N9HH

3624. Pin outs for Power supply needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: gcouger@tacoma.ceatlabs.okstate.edu
Message-ID: <4p7iqq$bml@news.cis.okstate.edu>
Source record: 200104

We have a Power Ten Inc model 3100-4010 power supply. I need to know
if it can be externaly regulated.

Thanks
Gordon

Gordon Couger Senior Software Specialist
Biosystems & Agricultural Engineering Dept. Oklahoma State Univ.
114 Ag Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu

3625. Re: OWNER WO's on IC706, FT900CAT, etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: "William O. Reichert" <billnihh@apci.net>
Message-ID: <4p7kjj$g1n@queeg.apci.net>
Source record: 200105

I wouldn't say I've gotten burned on the IC-706, in fact I like it quite alot. I've been able to put it on the bench and run more checks than most hams probably can, and basically, it seems to do a fairly good job.

Until you get used to the menuing system, it can be pain. In fact, even when you get used to it, it can be a pain. Depending on what you want to accomplish, you can be five or six button pushes away from doing what you want.

Even with ICOM's FL101 250 hz cw filter, selectivity seems broad. I expected this, since for their bigger rigs, ICOM recommends using the 455 kHz filters for critical applications. Still, I've used 9MHz filters that are better. Maybe it is only a four or six pole filter. Have been meaning to see if someone like International Radio has a better replacement. If you don't work cw this is not a problem.

Mine gets pretty hot on ssb with anything approaching moderate operation; on RTTY or FM I imagine would be worse. Don't know if this is a problem or not.

Noise blanker is pretty bad. In my car, I don't have too much trouble with ignition noise except on 50 MHz. There, the NB will take an S7 level down to S2 or 3 at best.

The front end attenuator seems to be alot more than 20 db; in fact, on the local repeater I use most often, from the driveway it pushes the S-meter all the way up with the preamp on or off. Engaging the attenuator reduces the S-meter to about 10 over 9. Don't know if is the attenuator, or more likely, the meter.

Having to get into a menu to change mic gain, cw keying speed, etc. take some getting used to.

On HF, I show about 115 watts output on every band (Bird wattmeter with 250 w slug). On six, the best it will do is about 95 on a 100 w slug. This is even after punching things up a bit on the power set control (internal pot).

ICOM does not supply a schematic or even a block diagram. This is a disgrace. I tried to order a service manual for an extra $35, but they are on back order for up to six weeks or more.

Sensitivity above 60 MHz, except for the two meter band ranges from poor to just plain bad. I can't hear the local wx svc station on 162.55 at all; it is full quieting on a Radio Shack wx

cube that is fifteen years old. It does hear some in the aircraft band and it does hear some FM broadcasts, but it is full of intermod on the FM broadcast band. All this means little if all you are interested in is the ham bands. If you were going to replace a scanner with the 706, forget it. There are some mods out for the 706 here and there, don't know if this will help the situation or not, have not tried 'em yet.

Have not tried the other rigs, so don't know. I think the 706 packs a lot of punch for the money. It is not an IC-775 or FT1000, but for a low to middle end radio, I think it does pretty well.

3626. Re: Tor's History Lesson (was: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <4p7m2s$m9q@vixen.cso.uiuc.edu>
Source record: 200106

In a previous article, jherman@Hawaii.Edu (Jeffrey Herman) says:

>Torsten Leibold <torsten@dl1fy.rhein-neckar.de> wrote:
>>And as you're just in the bookstore --- how about looking for a book
>>that's for sure not a bestseller, describing your own Holocaust, where
>>Americans were also willing executioners of Franklin Roosevelt in
>>persecuting, beating up and interning U.S. citizens coming from Japan.
>>This happened all just for "national security" and so was for sure
>>properly justified.
>
>Now Tor, let's be careful here. First, do you have any idea how those
>American civilians residing in Japan were treated by the Japanese

What does this have to do with ham radio?

3627. Re: Tor's History Lesson (was: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4p7nat$f5d@explorer.csc.com>
Source record: 200107
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Jeffrey Herman (jherman@Hawaii.Edu) wrote:
<del>

: It's fine to be an armchair historian 50 years later but unless you've
: actually been bombed by an invading force you'll never understand why
: the US had to take the actions it did WRT the JAs.

: BTW, reparations are being made to those JAs who were interned.

: Jeff KH2PZ / KH6
----

reparation

1. The act or process of repairing or the condition of being repaired.
2. The act or process of making amends; expiation.
3. Something done or paid to compensate or make amends.
4. reparations. Compensation or remuneration required from a
defeated nation as indemnity for damage or injury during a war.

Reparation implies recompense given to one who has suffered injury, harm,
or wrong at the hands of another:
^^^^^
The American Heritage® Dictionary of the English Language, Third Edition
copyright © 1992 by Houghton Mifflin Company. Electronic version licensed
from INSO Corporation. All rights reserved.

(my emphasis)
--
Cheers 73 de dteague@csc.com "They're out there" K Kesey
Guy KG5VT gteague@why.net "Don't you eat that yellow snow" F Zappa

3628. 2m SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960606195612169@atdbbs.com>
Source record: 200108

>>I need to purchase a 2m SWR meter of acceptable quality and affordable
>>priced. Actually - I need a 2m/70cm dual band capability - but have
>>not seen anything like this. Any recommendations?

Yaseu has on for under one hundred dollars, Tron.

clint.bradford@atdbbs.com
---
* TLX v4.00 * No use crying over spilled water under a burned bridge.

3629. First Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960606195613170@atdbbs.com>
Source record: 200109

>>I'm looking for a FIRST radio...

Unless you find out what is happening in your community, no one here can give you any good advice!!!

Join your local Amateur club! Find out what is happening (what bands are being used!!!).

Here's a generic "Welcome to the hobby!" text - and best of luck to you on that exam!

What is Ham Radio, and
How do I get started?

A short introduction
by Hans Brakob, K0HB

Here on HamNet we frequently see messages asking for more information about the hobby, and how to get started. This file is a VERY brief attempt to explain the hobby and give some pointers on where to get more information. Almost certainly I won't answer all your questions, so feel free to ask for help on the forum. Hams are famous for their eagerness to help newcomers.

(First I have to explain something you might not have realized. In doing so, I'm going to paraphrase something written by Steve Ford, WB8IMY, in his introduction to a book entitled "The ARRL Operating Manual". Steve, by the way is a regular here on Hamnet. He acts as the ARRL HQ representative.)

In case you didn't know, belief in magic is a necessary requirement for all Amateur Radio operators. Of course, you won't see a question concerning magic or metaphysics on the test you take to obtain your license, but in your heart you will come to believe in that powerful, intangible force.

All of us in the hobby have felt its influence at one time or another. Some night when the band is dead as a doornail you'll be tuning aimlessly, not expecting to hear a single signal because NOTHING could be coming through at that hour. But then, rising out of the noise like a ghost, there will be a faint call from another stalwart explorer thousands of miles distant. You pounce, establish contact and both of you marvel at the fact that the conversation is taking place at all. A few minutes later, however, the signal vanishes as quickly as it came. Your rational mind will shrug it off

as a quirk of propagation, but that little tingle in your gut will tell you otherwise.

If you could travel back in time to, say, 1294 AD, you'd probably be burned at the nearest stake for even suggesting that two human beings could communicate with each other over great distances without a physical connection. No doubt they would accuse you of dabbling in magic -- and they'd be right!

As Amateur Radio operators, we work feats of magic every day. Many of us have become jaded about our powers and we tend to dismiss them as commonplace. We hardly think twice when we use our equipment to sommon the elemental forces of the universe. But every so often we need to pause and remind ourselves of what we are really doing. We need to remember the essence of what drew us to our unusual avocation in the first place: the wonderful magic of wireless communications.

So how can YOU become a magician?

First, you need to prepare to obtain a Magicians License. The Federal Communications Commission calls them Amateur Radio Operator Licenses, and they come in 5 "classes".

There are two "entry class" licenses, namely the Novice and Technician class. These two classes of license are designed to give the newcomer access to a number of frequency bands without a too-strenuous examination.

The Novice class gives the widest range of frequencies, and will be attractive to folks with a desire to talk to "distant" places. The written test is the simplest of all the tests, and the examination also requires you to be able to copy Morse code at 5 words per minute. This license will also give you access to some "local" bands, but not as many as the Technician class.

The Technician class license, as the name implies, is aimed more at folks with a technical bent (you don't have to be an electrical engineer though). The written test is a bit more difficult, but you don't need to know Morse code for this license. The frequency bands for this license give you more "local" communications, although if you wish, you CAN take the Morse test, in which case you will also get

(Continued to next message)

3630. First Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960606195613171@atdbbs.com>
Source record: 200110

(Continued from previous message)

access to the "worldwide" bands the same as the Novice class.

The next three classes of license are General, Advanced, and Extra. These three classes have access to portions of all amateur bands, with progressively more difficult exams, and requirements for copying faster Morse code (13, 13, and 20 words per minute respectively).

To prepare for the exams you will need some study material and more information about classes, examination points (the exams are given by volunteer Hams in your community), and clubs in your area. A number of organizations will be more than willing to help. One such organization is the American Radio Relay League. Write them at:

ARRL
225 Main Street
Newington, CT 06111

or call them at 1-800-32NEWHAM.

Ask for their "newcomers" package. It will include more detailed information, a list of classes and clubs in your area, and a list of scheduled examinations in your area also.

If you are near a Radio Shack store, go there and ask for a book entitled "Now You're Talking". This book is also available from the ARRL. It contains all the information you need, including study material and sample questions for the examinations for Novice and Technician licenses.

Good luck, and welcome to the "magical" hobby.

3631. ! June 96 CD-ROM Available !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: amsoft@epix.net
Message-ID: <NEWTNews.834118688.6173.amsoft@dx4_120>
Source record: 200111
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

AmSoft announces the June 1996 release of its CD-ROM "The World of Ham Radio". This CD-ROM contains the World's largest collection of amateur radio, electronic, and engineering software, plus the most recent FCC amateur radio license database available on CD-ROM. The current FCC database includes calls issued up to 22 April 1996. This software collection is the best available anywhere in the World for electronics, engineering, and the hobby of Amateur Radio. Over 20,000 files and programs for the hobbyist or professional. Stop by our WWW SITE: http://hamster.ivey.uwo.ca:80/~amsoft/ and see.

At $19.00 plus $4.00 Shipping anywhere in the World AmSoft has the lowest price for any CD-ROM offering these services.

TELEPHONE: 717-938-8249 FAX: 717-938-6767
or send E-MAIL: amsoft@epix.net

3632. Re: Kenwood TS 440s To PC RS232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-06 00:00:00 UTC
From: Brian Gilhuly <brian@synapse.net>
Message-ID: <31B77E0B.1D02@synapse.net>
Source record: 200112

PAUL MULLINER wrote:
>
> Hi
> Can anyone help? I'd like to find out info on the above. I'm wanting to
> build a home brew interface for the job. I have the info on Kenwood
> interfaces, (only prices no technical stuff!) but its a costly afair!.
> I,m sure we can come up with a cheaper alternative!
> Also recomendation on which S/W to run once I've built the interface
> welcome. 73's for now! PAUL.....
> --
> ****************************
> * Paul Mulliner *
> * Barnsley, Yorkshire, UK *
> * paul@mulliner.demon.co.uk *
> ****************************

There is an excellent contruction article with schematics in the 1995
and 1996 editions of the ARRL Handbook for Radio Amateurs. The article
was originally published in QST magazine of Feb. 1993.

For more information on interface possibilities, plus a look at THE
control software for Kenwood rigs, check the Kentrol web site at the URL
below.

73 de Brian
--
Brian Gilhuly VE3BGB Kentrol Software Web Site:
http://www.synapse.net/~kentrol/
e-mail: Latest files:
brian@synapse.net ftp.synapse.net/private/k/kentrol/

3633. stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: fitzgera@ykm.COM
Message-ID: <01BB547B.81DBD900@ron.avfloral.com>
Source record: 199863

I have an FT-2500 for sale, unused but out of the box $250.00. All =
Yaesu accessories included, and a TS-830S. The TS-830 is in excellent =
shape with new finals. Asking 450.00.

Thanks
Ron Fitzgerald KO6BY
E-mail reply to:
fitzgera@ykm.com

3634. RE: [FS] Daiwa dual needle antenna tuner - NEVER USED $75

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: 430-Angstroms@msn.com
Message-ID: <00001fed+000032fb@msn.com>
Source record: 199864

Hey, the CNW 419 goes for about $300.00 new, and it is still a current model. I realize that they are hard to sell because most hams don't appreciate the quality and aren't looking for deals but "steals". I already have one and don't need another but...wow if I did need one I'd buy yours in a flat second. Incidentally, you can convert your unit to PEP reading, by getting that neat little module advertised in QST for 19.95. 73, Fred AB6GQ

3635. What's better Icom IC-728 or IC-706 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Andres Martinez <andres@flash.net>
Message-ID: <31B7D272.6E1@flash.net>
Source record: 199865

I would like to know your opinion about these two radios.

In sound quality and construction quality, which one is better.?
The IC-728 (base) or the IC-706

I know the IC-706 is cool because of its size and extra bands, but
compare them only in HF mode...

thanks
andres


```
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_/  _/  _/  _/  _/_/_/
============================================================
>>> Andres Martinez Coronel - Houston TX - USA <<<
WEB MASTER/SOFTWARE ENGINEER/PROF.TRANSLATOR/HOME AUTOMATION
OFFICE: andres@wst.com HAM Radio License: W5/YV5-KRI
HOME : andres@flash.net Dimacorp International - Houston
============================================================
```

3636. Re: Dual-band Ham HT for Search & Rescue?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Will Flor <willf@rrgroup.com>
Message-ID: <31B8B6D9.49F9@rrgroup.com>
Source record: 199866

Jerry B. Altzman wrote:
>
> In article <philkeys-0606960603040001@ptpm001.olympus.net>,
> Phil Keys <philkeys@olympus.net> wrote:
> >What's a good rugged dual-band HT for use in wilderness search and
> >rescue? Here are some conflicting requirements:
> [...]
> >Modifiable for public safety band transmit.
>
> What? You want to use a non-type-accepted radio in a service which requires
> type-acceptance? But that's illegal!
>
> Good luck finding a type-accepted public-safety-band radio with the ham bands
> on it too.
>

In my experience the vast majority of VHF hi-band commercial/public service radios (SAR groups are in the Special Emergency Service, and get frequencies around 151 MHz typically) can handle 2-meter ham frequencies just fine. I have two Motorolas, for example, and use both for SAR and ham work. Nevertheless, the rest of Jerry's post is right in that you really should get an FCC type-accepted radio and program some of its channels in the ham bands rather than the other way around. My favorite at the moment is the Motorola JT-1000, but it's rather expensive. Any Moto is good; GE is another really good brand. Standard is a less expensive brand that also is pretty good in my experience. IMO stay away from Midland, Rolm and Bearcat. All major manufacturers of commercial/public service radios sell dual-band VHF-Hi/UHF radios, which can be used as 2m/70cm ham HTs; they're rather rare since few have need for such radios in the commercial world.

Of course, those of us, like myself, whose SAR work is done under Federal jurisdiction, are operating NTIA-licensed stations when so doing, not under FCC jurisdiction. For this reason, there is no FCC type-acceptance required for us; that's why you see radios advertised as "MARS/CAP modifiable." Unfortunately, non-Federal users of the radio spectrum, such as your organization, must have FCC licenses and therefore should obey FCC regs.

-Will Flor, 2LT willf@rrgroup.com KB9JTT Badger 323
Milwaukee Emergency Services Squadron
Civil Air Patrol, USAF-AETC

3637. Guelph/Kitchener/Waterloo Hamfest June 8

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Rich Fortnum <fortnum@pints.com>
Message-ID: <31B8253D.18F2@pints.com>
Source record: 199867
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Guelph/Kitchener/Waterloo Hamfest, June 8th, Bingeman Park, Kitchener, =

Ontario.

145.210- VE3 ZMG Guelph Repeater Talk-In. 8 am to about noon, from =

what I remember. =

e-mail me for more, and I can find out.

Cheers.
-- =

Rich Fortnum (aka BeeRich) fortnum@pints.com VA3 RFZ
F&M Breweries, Guelph, Ontario, Canada
Renaissance Brewers of Fine Ales and Lagers=99 =

ONTARIO BEER PAGE http://www.pints.com/pints/index.html

3638. Re: Opinions on FT-900/CAT ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Dave Maley <dgmaley@inav.net>
Message-ID: <31B8E045.5D0F@inav.net>
Source record: 199868

Charles Teclaw wrote:
>
> SRI if these questions have been posted recently. Am considering purchase
> of FT-900/CAT and wonder whether the Collins filter does much. It would
> seem that xtal passband filter design has been reasonably stable for at
> least a decade. Why has Yaesu felt the need to offer the Collins filter?
> Was the other ssb filter deficient somehow? Or is this just a costly
> marketing gimmick?
>
> Since I will be using the rig primarily on cw, does anyone have any info
> on whether the semi-qsk implementation is a good one? Does it
> significantly truncate the first dot or dash as some rigs do?
>
> Tnx in advance, 73 de NT3G

Charles; you are right. Crystal filters have improved to the point that
they are as good and inexpensive as a mechanical filter. The only
difference is the sound. A mechanical filter has a different sound
to it. If you have ever listned to a properly performing KWM-2, you
would understand. It's nice to listen to a new HF radio that sounds
like a KWM-2. It's been a long time. Not everyone wants this type
of sound. Some prefer the pitch of a cystal filter. Suggest listening
before making your choice.
I have the 500Hz CW filter in my '900. No problems noted on CW here.
Good Luck. Dave. WA0ZZG.
AR

3639. Re: FT102 Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31B8A796.3360@magic.itg.ti.com>
Source record: 199869

Richard Booth wrote:
> I'm having a problem with my FT102 transceiver. When I end transmitting
> and release the PTT switch, the relays click over and it goes into receive - as
> would be expected. The problem is that now the receiver is very deaf. If I then
> press the ptt a couple of times, usually the receiver comes back up. Could this be
> caused by faulty / dirty relays in the changeover circuit ? Is this a commom fault ?
> Any suggestions regarding repair ?
> Richard Booth, G0TTL
> email :- R.A.Booth@shu.ac.uk

Richard, This is a very common problem with the FT-102. The small relays were notorious for causing problems. While the "ptt" trick works for a while, the relay contacts will eventually fail entirely and your rig will remain "deaf".

The repair reqires changing several (over 10) internal relays. I understand a gentleman in the USA specializes in FT-102 repairs, (advertized in the classified section of QST MAGAZINE). However, since you are in G-land, I suggest you contact a reputable service tech / center (possibly Yaesu Europe).

I once had an FT-102. The relay repair for mine was almost $US 200.

73, Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

3640. Help with 2 to 4 wire tel. converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: ve7fet@intergate.bc.ca
Message-ID: <31b7d671.1637314@news>
Source record: 199870
Cross-posted to: sci.electronics.design,rec.radio.swap,rec.radio.amateur.equipment

I need to build a circuit that will do the following:

Take a normal 2 wire tel line and convert it into transmit audio, receive audio (basic 2 to 4 wire conversion), detect ring, and control on and off hook.

Basically I am looking for a telephone interface to be used with a repeater controller.

I would like to use a cct with as few components as possible, ie. the hybrid cct. contained in an IC.

Manufacturers of such IC's and part numbers would be great.

Any help would be appreciated.

3641. Re: Dual-band Ham HT for Search & Rescue?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4pacq7$9lq@rock101.genie.net>
Source record: 199871

philkeys@olympus.net (Phil Keys) writes:
>What's a good rugged dual-band HT for use in wilderness search and
>rescue? Here are some conflicting requirements:

Since you have specified a Ham HT, I will assume you will be using it on ham frequencies. In my not so humble opinion, the best radio for this purpose is a used ICOM IC-32AT. It is neither micro-small nor featherweight, but it is a rugged good performing radio with some of the best audio you will ever find. I have two of them I use for wild'n'wooly projects and they have proven to be good, bullet-proof radios.

They usually show up used for around $300-350.

Good luck in your search.
--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

3642. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4p7tsf$1ohe@mule2.mindspring.com>
Source record: 199922
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <31B36236.583D@southwind.net>, kg0wx@southwind.net says...
>
>Pieter Ibelings wrote:
>>
>> Good luck K1 OINK!
=
=Awww come on, Pieter! As an extra class ham, you should be able to flame
=Burt's butt better than that! You should see his picture:
=
= http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif
=--
=
= Ken Bessler KG0WX

What does being an Extra have anything to do with flaming????

AC4OPieter

3643. Re: 2m SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: deshotel@hic.net
Message-ID: <4p85fn$m29@news.hic.net>
Source record: 199923

"TRon Davis" <rond@intellect.com> wrote:

>I need to purchase a 2m SWR meter of acceptable quality and affordable
>priced. Actually - I need a 2m/70cm dual band capability - but have not
>seen anything like this. Any recommendations?

Try a used Heathkit HM2102, it's cheap and I seem to recall that it
could handle through 450Mhz.

Al
WB5VNX

3644. Kenwood TH-79 MODs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: eccolo@soback.kornet.nm.kr
Message-ID: <4p80kf$oam@usenet.kornet.nm.kr>
Source record: 199924

Hi,
I have been looking for MODs forTH-79 in the RX.
This one is fixed 144-146 and 430-439.
I want this one have about 130-170 and 800-900.
Please let me know the MODs.
Thanks in advance.

Park

eccolo@soback.kornet.nm.kr

3645. Re: OWNER WO's on IC706, FT900CAT, etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4p83bj$7ui@news.cais.com>
Source record: 199925

OK, I've heard enough positive reviews on all these "mini"-rigs, so now I'd like to \hear the bad news.
\>How about some of you guys that have been "burned", on these rigs (new buyers only, \not used).
\>I want to hear about the bad points, or "horror" stories, on any of the new \"mini-rigs".

The 706's supplied HM103 stock mike has notoriously low audio on 2M FM... The 706 will not scan the way most VHF rigs scan. It can scan, stop on an active channel, & stay on that channel. Or, it can scan, stop on an active (memory) channel for 10 seconds, then go on... It CANNOT scan, stop on an active channel & stay there till activity ceases, then move on... 2M at 10 watts in NOT enough. I use a 2M allmode 100w amp & that solves that problem. Entering memory names for memory channels is not at intuitive as with, say , a scanner like the AR8000 by AOR. Too bad the audio mutes while doing a spectrum sweep! I still love that feature, though. Too bad the 706 won't cross band repeat or AT LEAST dual receive on any two bands (2m/6m, 6m/6m, 2m/2m, hf/2m,6m/hf,hf/hf). Wish CTCSS decode was an available option. Doing the "yellow wire mod" is a must, because out of the box, the 706 is not very sensitive above 60MHz (excluding 2m). NEVERTHELESS, I LOVE the rig. Just a few gripes to an otherwise
unbeatable value!!!!!!!!!! Everything else, quite a bit, I love!!!!!! Just my 2 cents.
N4ZGT.David

3646. Re: Advice on 2m linear amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4p89f2$94o@news.service.uci.edu>
Source record: 199926

In article <4p72mf$3tg@news.rain.org>, tgeyer@rain.org says...

>I am interested in purchasing a 2m amplifier for my car. I hope to plug
>it into the cigarette lighter and boost my HT output.

Tom,
Going to all that work and expense is fine, but don't ruin it by
plugging it into the cigarette lighter. It isn't designed to give
you the full battery voltage under the load of 30 watts output power.
Please spend the extra time and trouble installing fused wires (yes,
both the positive and negative leads) right to the battery. This
also reduces the chance of picking up alternater and other sources
of noise.

Good luck,
Brian N6ZAU

3647. Re: Shure Microphone Availability

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4p8d7p$55c@crash.microserve.net>
Source record: 199927

Ed Messenger <gsa00010@mail.wvnet.edu> wrote:

>I was just curious after reading, so I checked and shure has a
>web sight and shure enough they don't list the microphones your
>asking about. However they do list a 527B (Omnidirectional Dynamic
>Handheld Low Z w/PTT) I don't know if this helps. But check out
>their web sight. http://www.shure.com

I use a Shure 450 deskmike, which according to the Web page
is still available. I don't know what the differences are
between this mic and the 444D, but they appear to be identical
(I only have a B/W picture of the 444D). Both mics offer dual
impedance, both are controlled magnetic and both have a large
PTT bar on the base.

73,
Jack WB3U

3648. Re: ICOM IC-2000H MODIFICATIONS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4p89a9$6q3@news.halcyon.com>
Source record: 199928
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Tu and Bob Myers <tuandbob@acy1.digex.net> wrote:

>Will someone please tell me the source(s) for modifications to the
>IC-2000H?

>Thanks,

>Bob

Radio / Tech Modifications published by Artsci, Inc at 818-843-4080

Gary

3649. Re: Icom HM-23 mic pinout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4p89ll$6q3@news.halcyon.com>
Source record: 199929

Dj Merrill <deej@vsl.ist.ucf.edu> wrote:

>Anyone have the pinouts for the Icom HM-23 mic, or one of the
>Icom radios that it plugs into?

>Thanks!!

>-Dj

>--
>---
>Dj Merrill Institute for Simulation and
>Training / UCF
>Associate in Simulation 3280 Progress Drive, Orlando, FL
>32826
>deej@vsl.ist.ucf.edu - N1JOV (407) 658-5513 / Fax: (407) 658-5059

> "BSD: The way Unix should be"
BSD Not LINUX ?

The HM-23 Mic fits the IC-27, 37 and 47 radios. It is the same as the HM-14
except for the mic connector. The pinout should be as follows.

Pin 1 Mic audio
Pin 2 + 8 volts
Pin 3 freq Up / Down
Pin 4 No connection
Pin 5 PTT
Pin 6 Chassis Ground
Pin 7 Mic ground
Pin 8 No Connection.

Gary

3650. Desperatly needed...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: blaster@winternet.com
Message-ID: <4p825g$edg@blackice.winternet.com>
Source record: 199930

I am in need of a FM board for a Icom 551 6 meter rig and...

the club is in the makket for a I/O card for a ACC 850 repeater
controller.

please E-male prices and terms.

73 Mike N0ZXG

3651. ICOM 706 microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4p84a6$7ui@news.cais.com>
Source record: 199931

Is anyone using one of the DTMF mikes icom has with the 706??? Any better than the stock mike (low audio...)? David N4ZGT.

3652. Re: Icom IC-Delta 100 Tribander X-Band repeat ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4p894k$6q3@news.halcyon.com>
Source record: 199932

adam@tbsa.com.au (Adam Maurer) wrote:

>Hi there.

>Does anyone know if the IC-Delta 100 is capable of cross band repeat?
>Are there hardware mods required, or can a few keystrokes put it into
>that mode?

>Sure would be handy if it could...

>73,
>Adam, VK3ALM

Adam,

Yes the Delta 100 is surely capabile of cross band repeater operation. Send an E-Mail to 75540.525@compuserve.com and include a mailing address and request for Delta 100 cross band repeat instructions. ICOM will send you a guide on just how its accomplished.

Gary

3653. Re: Decent antenna tuners: Heath, Ten-Tec, Drake

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4p8djr$55c@crash.microserve.net>
Source record: 199933

ham@w3eax.umd.edu (Scott Rosenfeld NF3I) wrote:

>I have heard that Ten-Tec's auto-tuner (2 kW) can match anything
>from 2 to 1300 ohms, and pump through the rated 2 kW while
>doing so. Of course, it's almost a kilobuck...

A used KW Match Box will do much better than that. In addition, you won't have to worry about balun losses and imbalance when feeding reactive loads. Incidentally, the KW rating was factored on the basis of an AM transmitter running 1 KW plate input. That equates to about 3,000 watts peak power handling capability, even neglecting Johnson's ultra-conservative components. I've been told it will handle more than 6 KW into a 50 ohm load.

73,
Jack WB3U

3654. Re: Tor's History Lesson (was: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <31b7c68e.4268368@nntp.netcruiser>
Source record: 199934

On 6 Jun 1996 22:28:44 GMT, w9sz@prairienet.org (Zack Widup) wrote:

>
>In a previous article, jherman@Hawaii.Edu (Jeffrey Herman) says:
>
>>Torsten Leibold <torsten@dl1fy.rhein-neckar.de> wrote:
>>>And as you're just in the bookstore --- how about looking for a book
>>>that's for sure not a bestseller, describing your own Holocaust, where
>>>Americans were also willing executioners of Franklin Roosevelt in
>>>persecuting, beating up and interning U.S. citizens coming from Japan.
>>>This happened all just for "national security" and so was for sure
>>>properly justified.
>>
>>Now Tor, let's be careful here. First, do you have any idea how those
>>American civilians residing in Japan were treated by the Japanese
>
>What does this have to do with ham radio?

K1OIK started the thread so if it is not relevent please deal with
him.

--****ATTENTION****-****ATTENTION****-****ATTENTION****-***ATTENTION***
Your e-mail reply to this message WILL be *automatically* ANONYMIZED.
Please, report inappropriate use to abuse@anon.penet.fi
For information (incl. non-anon reply) write to help@anon.penet.fi
If you have any problems, address them to admin@anon.penet.fi

3655. IC-706 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: sandy.gm8svb@zetnet.co.uk
Message-ID: <4p90fg$kpk@roch.zetnet.co.uk>
Source record: 199935

Any one out there Know Where I can find a list of Mods for the IC-706
Ie to make it transmit on the UK four Meter Band (70Mhz)

3656. Re: Dual-band Ham HT for Search & Rescue?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <4p9e4t$rd3@play.cs.columbia.edu>
Source record: 199936

In article <philkeys-0606960603040001@ptpm001.olympus.net>,
Phil Keys <philkeys@olympus.net> wrote:
>What's a good rugged dual-band HT for use in wilderness search and
>rescue? Here are some conflicting requirements:
[...]
>Modifiable for public safety band transmit.

What? You want to use a non-type-accepted radio in a service which requires
type-acceptance? But that's illegal!

Good luck finding a type-accepted public-safety-band radio with the ham bands
on it too.

>philkeys@pt.olympus.net (Phil Keys) KJ7ET Jeff Co Search & Rescue

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

3657. FTP site for MODS in english

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: maccabeus@gatecoms.gatecom.com
Message-ID: <4p92rm$8vu@www.gatecom.com>
Source record: 199937

there was a post for an FTP site for radio mods but its texts were in
german. here is an english site. goto the mods directory at this site
by web.

http://www.cdrom.com/pub/hamradio/oak

--
73 Phillip KC8DQF
##
"If the government is big enough to give you everything you want, it
is also big enough to take everything you have."
##

3658. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: rhiii@pop.erols.com
Message-ID: <31b84424.92164424@news.erols.com>
Source record: 199938

Thanks George:
Was hoping for a hardware work-around. Gonna buy a tapr dsp
soon anyway so.....one r/s dsp FS !
---
geo@nando.net (George McCrary) wrote:

>
>>
>>Unfortunately, does not come with schematic and I want to modify CW
>>bandpass to cover packet (1600-1800) or rtty (2125-2295).
>>
>>Anyone out there successfully made this type of mod yet ?
>>
>>de Richard/NT2Z
>
>Uh, maybe I'm missing something. To "modify" a DSP filter would
>require modifying the code stored in ROM. The RatShack unit has this
>code stored on a soldered in DSP chip.
>
>Unsolder the chip, and then (if it isn't read protected) load it onto
>your PC. Decompile the code and simply make the changes.
>
> Good Luck!
>
> George
>
>THE geo DXCC page and THE geo LOVEBIRD page
>http://www.webbuild.com/~geo

3659. Re: Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31B85464.37B8@southwind.net>
Source record: 199939

John Stephen Patrick wrote:
>
> I'll be getting my ticket shortly, and would like to purchase a nice HT
> (dual band preferred) as my first radio.
>
> I've heard about Icom, Yaesu, Realistic (RS), etc. Which do you
> consider the best?
>
> I'm thinking about a Yaesu FT-50R. Any comparisons to better handhelds
> within the price range?
>

I can't recommend the 50r. There have been WAY too many problems reported!

IMHO your best value would be the Alinco DJ580t. Oklahoma Comm Center usually
has the best prices but there are others to call:

Burghardt Amateur supply
Radio City
Radio World (Dave Floyd W9MPD: davef41@ix.netcom.com)

If you contact Dave, Tell him I sent you.
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

3660. Ft-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: berlin@mail.fwi.com
Message-ID: <31b8185d.12487903@news.fwi.com>
Source record: 199940

Forsale Ft-8500

1 yr. old
Used only a few times.
Original box, manuals ect...
$500.00 firm
Email berlin@mail.fwi.com
219-925-9516

3661. Interconti-Adress?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: ulo2@rzstud2.rz.uni-karlsruhe.de
Message-ID: <4p96ro$sj@nz12.rz.uni-karlsruhe.de>
Source record: 199941

Hello!

Does anyone know the adress of the manufacturer of "interconti" radios?

--

,,,,
/;^;\
(o o)
--oOOO--(_)--OOOo-----------------

Georg Strasser +++ eMail ulo2@rz.uni-karlsruhe.de
Georg.Strasser@stud.uni-karlsruhe.de
WWW http://www.uni-karlsruhe.de/~Georg.Strasser/

Oooo. .oooO
--\ (----( )--------------------
_)) /
(_/

3662. Re: FS: Kenwood TS-50s +AT-50

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: sem2r@galen.med.Virginia.EDU
Message-ID: <Dsn028.1qF@murdoch.acc.Virginia.EDU>
Source record: 199942

Your first try to "swap" didn't go because its
"rec.radio.swap", NOT "rec.amateur.radio.swap" It's the only
one that doesn't have "amateur" in the name. Try it again &
good luck.
--
-73's de WB4QKT
Stacey E. (Chuck) Mills
E-mail: sem2r@galen.med.virginia.edu

3663. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Rolfe Tessem <rolfe@ldp.com>
Message-ID: <31B83359.63DE@ldp.com>
Source record: 199943

W8JI Tom wrote:

Let me give a few more examples.
>
> The Vectronics 3 kW tuner uses the same troublesome roller that MFJ
> recently abandoned, and SMALLER capacitor plate spacing. It handles even
> less power uner the same load conditions. Of course you could buy a
> patented $1000 tuner with NO warranty that uses the same roller size as
> these tuners (but on a higher melting temperature ceramic form) and
> doesn't even have the case properly grounded. That one will squeak by at
> 1500 watts with a high Z load, except you get no balun or balanced output.

I regularly run 1500 watts of continuous carrier (RTTY) into one of these tuners, feeding a balanced load, and have had no problems with arcing or heating. If it uses the same component(s) as the problematic MFJ, I'm not sure how one would explain this. Better mechanical design maybe?

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

3664. Sell: Old Radio Eng. texts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Roland Burgan <rburgan@up.net>
Message-ID: <4p9ncl$c5c@btc1.up.net>
Source record: 199944

I have three older radio engineering manuals that I have to thin out
as I need the space. I will sell them to the highest offer plus $3
S&H. Please make any offers via the above E-Mail address. I have one of
each of the following:

"The Radio Manual", by George E. Sterling
1st Edition, Fourth printing - 1929

"The Radio Manual", by George E. Sterling
Third Edition, third printing - 1938

"Practical Radio Communication", by Nilson & Hornung
1st. Edition - 1935

in making an offer, please refer to title AND edition.

3665. Re: First Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960607113433202@atdbbs.com>
Source record: 199945

>>If you are looking for a 2M rig I would strongly suggest that you
>>avoid the HT route. I for one, am really tired of all the guys trying
>>to hit the repeaters using an HT and a fair to poor antenna.

Of course, not knowing where he lives and what is happening in his
community make ANY of our suggestions rather pointless.

My IDEAL "first rig" was the Standard C288a - a 220MHz HT. Which I would
rarely - if ever - suggest for anyone else. It is a great performer -
couldn't ask for anything better. And it served my purposes extremely
well - for MY situation and conditions!

But I did my research - and joined my two local amateur radio clubs. And
I asked around.

clint.bradford@atdbbs.com
---
* TLX v4.00 * Time flies like wind. Fruit flies like pears.

3666. Looking for a manual for DRSI 1296 TNC-card

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Erik Finskas OH2LAK <finskase@ee.port.ac.uk>
Message-ID: <31B82B52.6CA4@ee.port.ac.uk>
Source record: 199946

Do you have such card? It is a TNC-card to be fitted in a PC to a normal
ISA bus.
I have the card but no users manual. I need it for the dip switch
settings and connector pinouts.

If you have one, please mail.

Erik
--
Erik Finskas M1AAJ & OH2LAK
Email Finskase@ee.port.ac.uk
Lakki@clinet.fi
University of Portsmouth, UK
Department of Electric and Electronic Engineering

3667. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4p9omp$8fi@newsbf02.news.aol.com>
Source record: 199947

In article <31B83359.63DE@ldp.com>, Rolfe Tessem <rolfe@ldp.com> writes:

>I regularly run 1500 watts of continuous carrier (RTTY) into one of these
>tuners, feeding a balanced load, and have had no problems with arcing or
>heating. If it uses the same component(s) as the problematic MFJ, I'm not
>sure
>how one would explain this. Better mechanical design maybe?
>
>Rolfe
>W3VH

Hi Rolfe,
I would expect better tuning or a higher Z load exists at your station. Or perhaps you know how to tune a tuner correctly.

All T networks handle the least power into capacitive and low impedance loads, the poorest bands are the lowest frequency bands. T networks actually handle more power into high impedance loads than they can into 50 ohm or lower impedance loads.

MFJ gives rather poor instructions on tuning, and if the manual is followed you'll likely wind up with much less power handling than is actually possible with the components used in the tuner. The weak point in for RTTY operation both the Vectronics and MFJ tuners is the Oren Elliot Products roller inductor, which has a Q of around 65 on 5 MHz, rather pathetic. The capacitors in the Vectronics are smaller, which lowers the PEP voice rating...but certainly not the RTTY rating.

Most tuners use the OEP roller, although MFJ is switching to a custom air wound roller sometime soon I believe. Even the ceramic Cardwell roller used in a 1000 dollar tuner is only a little better in Q. A good coil should be in the 150 to 250 Q range when mounted in the cabinet, I've acheived that value here with simple home made rollers...so I'm sure factories could do that.

In any event, capacitors should always be set for the maximum capacitance possible that allows matching the load. That insures the lowest possible Q and minimum losses, voltage, and heat in the tuner. Complaints usually come from people with short antennas resonant above the operating frequency, and most problems occur on 160 and 80, or from people that don't understand how to adjust the tuner and blindly follow poorly written tuner manuals.

L networks (falsely called Pi's by some manufacturers) handle much more power, but have a much more restricted matching range. There's just no free lunch in tuners.

73 Tom

3668. For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: don.detroye@mail.mei.com
Message-ID: <don.detroye-0706960829160001@dondiisi.diageng.mei.com>
Source record: 199948

I have the following items for sale:

1.) HyGain TH3-MK3 Thunderbird 3 Element Tri-Bander 10, 15, & 20 Meters
2.) HyGain Model 2BDQ 1/2 Wave Trap Doublet Antenna
3.) 10 Meter Rotatable Dipole
4.) Kenwood TM701A 144/440 Mhz Dual Bander - Used very little.

Best offer.

3669. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: KD6FYK <kd6fyk@wco.com>
Message-ID: <31B87712.30C7@wco.com>
Source record: 199949
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

```
Pieter Ibelings wrote:
>
> In article <31B36236.583D@southwind.net>, kg0wx@southwind.net says...
> >
> >Pieter Ibelings wrote:
> >>
> >> Good luck K1 OINK!
> =
> =Awww come on, Pieter! As an extra class ham, you should be able to flame
> =Burt's butt better than that! You should see his picture:
> =
> = http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif
> =--
> =
> = Ken Bessler KG0WX
>
> What does being an Extra have anything to do with flaming????
>
> AC4OPieter
```

maybe only extras and advanced are flamers!

3670. Re: OWNER WO's on IC706, FT900CAT, etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4p9dhf$37j@newsbf02.news.aol.com>
Source record: 199950

My biggest beef with my IC-706 is the weight control is not a weight control at all, it is a useless ratio control.

Secondly, the QSK sucks. While it does work, it shortens the characters by a few mS
That has the effect of making the CW choppy, like it needs more weight. The effect is worse at higher speeds.

Now here is the irony, if the weight control in the 706 was "really" a weight control, the user could use it to "fix" the QSK error.

I think the person that did the softare had no clue what CW really is.

The most disturbing part is ICOM cares less, they don't even answer letters about the problem. That's changed my attitude about their equipment more than the problems have.

73 Tom

3671. Re: I support the LEO and the loss of ham frequencies. - signatur.pce (0/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4p9dcb$h9f@shore.shore.net>
Source record: 199951
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>Is "Amatuer" like amateur?
>Is "beleive" like believe?

Is "know" like no?

==========
cheers! jim martin, wk1v
lowell, mass
http://www.shore.net/~jjmartin/jjm.htm

3672. ICOM IC-T7A extended transmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: jmhilliard@aol.com
Message-ID: <4p9elt$3qs@newsbf02.news.aol.com>
Source record: 199952

Does anyone have any data on opening up the xmit
on the T7A?

Mark Hilliard, N2HHR
Formally: mark@kodak.com
JMhilliard@aol.com

3673. C158A memory Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Azureh2o@gnn.com
Message-ID: <4p9jgv$9o6@news-e2d.gnn.com>
Source record: 199953

Does anyone know how to improve the memory on a Standard C158A. Particularly I need more PL Tone storage.

3674. Review of Yaesu FT-8500 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: steve.peters@dartmouth.edu
Message-ID: <steve.peters-0706961109300001@atgw2-kip-1-220.dartmouth.edu>
Source record: 199954

Hello, and thanks for taking the time to read this.

I've been looking around for a dual band mobile for a while now, and have
been intrigued by the FT-8500 that came out a while ago. I've searched
through QST for review articles, but found *none*. The criteria that are
important to me include:

1) Ruggedness - yes, this unit will probably be mounted in a truck
2) RF/IF and Intermod rejection - clean on both Rx and Tx
3) Alphanumeric entry - (seems good on this one)

If you own one, or have some experience with the unit, I'd be glad to hear
your thoughts. Please e-mail me direct to save space in this newsgroup.
If I get a good response, I will repost the replies to the group as one
message.

Thanks again for your time.

73s de N1TYE - Steve

--
Steve Peters N1TYE
Dartmouth College Dept of Earth Sciences
Hanover, NH 03755
email- steve.peters@dartmouth.edu
WWW- <http://www.dartmouth.edu/~stevep>

3675. Re: ICOM 706 microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Peter Barville <peter@barville.demon.co.uk>
Message-ID: <b8DZnCA59JuxEw8j@barville.demon.co.uk>
Source record: 199955

In article <4p84a6$7ui@news.cais.com>, David Whitehurst
<fwhitehurst@ezdial.com> writes
> Is anyone using one of the DTMF mikes icom has with the 706??? Any
>better than the stock mike (low audio...)? David N4ZGT.
>
^^^^^^^^^^^^^^^^^^^^^^^^

It also produces very 'thin' audio, which lacks any bass response. Is
it purely a function of the supplied mic (in which case the problem is
quite easy to fix, but shouldn't need fixing!), or is the problem an
inherent design fault in the rig itself?
73
--
Peter Barville G3XJS "It is vain to do with more
what can be done with less"
peter@barville.demon.co.uk William of Occum (1290-1350)

3676. Kenwood filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: stewart <stewart@peganet.com>
Message-ID: <31B86304.70BE@peganet.com>
Source record: 199956

Can anyone suggest which filter(s) I should add to my Kenwood TS-450S ?
I work mostly SSB and some TTY. Am interested in better selectivity
and QRM rejection.

Thanks,
Bill Stewart, N4CRO

3677. Re: 2m SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Jim <jstrohm@texas.net>
Message-ID: <4p9ku5$ltq@newsgate.sps.mot.com>
Source record: 199957

Cecil Moore <kg7bk@primenet.com> wrote:
>Radio Shack has one for about $35. Works for me.

I've always wanted to say this --

"ME TO"

The Radio Shack is a nice, compact inline unit, fairly ruggedly built.
I'm happy with mine, though I use it primarily for a go/no-go tester
(which is all that most sub-$300 meters really are, anyway). Accuracy
is suspect on a $35 meter, but it reads relative power just fine.

If you REALLY want to know what your radio's doing, you may want
a Bird 43 with the appropriate slugs -- ideally a pair of 43s
back-to-back, or a two-slug Bird line section with meters.
This is a Cadillac set-up for amateurs, but may be overkill for some.

Jim N6OTQ

3678. YAESU FT-890 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: PWOLF <pwolf@tiac.net>
Message-ID: <31B8883D.6549@tiac.net>
Source record: 199958

Greetings,

I have just purchased as my first HF rig, an 890. It has the built in antenna tuner. I am able to work all bands with the exception of 10 Mtrs FM.

I have a G5RV that is temporarily set at about 10-15 feet off of the ground, with most of the ladder line actually laying on the ground. I do have it stretched out so it is not coiled or doubled up. This is a temporary measure until I can get a cherry picker in to remove several branches so I can rais it up to about 40 -50 ft. I should be able to get this done in a week or so.

There is a 10 mtr repeater in Boston, about 35 miles as the crow flies. I have noticed that when I tune my antenna in the 10 mtr band, the unit takes several seconds (20-30), as opposed to say the 20 mtr band shich is 1 or 2 secs. I have the correct frequency, offset and PL.

When I attempt to xmit to the repeater, the meter registers full output power. But I can not hear the repeater, nor can I get to it. Just after I release the PTT button, the "hi swr" indicator comes on for about 15 seconds.

Where this radio was used, I have only another week or so to return it if it is defective.

Could this be related to the poor positioning of the antenna, or does it sound like something may be wrong with the radio. As you can see from my call I am new to the HF world. Any information would be appreciated.

Thanks

73

Paul...KE1FA

3679. Re: Tor's History Lesson (was: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <4p9snm$ae5@gw.PacBell.COM>
Source record: 199959
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4p7nat$f5d@explorer.csc.com>, Guy Teague <dteague@csc.com> wrote:
>Jeffrey Herman (jherman@Hawaii.Edu) wrote:

>: It's fine to be an armchair historian 50 years later but unless you've
>: actually been bombed by an invading force you'll never understand why
>: the US had to take the actions it did WRT the JAs.
>
>: BTW, reparations are being made to those JAs who were interned.
>
>: Jeff KH2PZ / KH6
>--------
>
>reparation
>
>1. The act or process of repairing or the condition of being repaired.
>2. The act or process of making amends; expiation.
>3. Something done or paid to compensate or make amends.
>4. reparations. Compensation or remuneration required from a
>defeated nation as indemnity for damage or injury during a war.
>
>Reparation implies recompense given to one who has suffered injury, harm,
>or wrong at the hands of another:
> ^^^^^
>The American Heritage® Dictionary of the English Language, Third Edition
>copyright © 1992 by Houghton Mifflin Company. Electronic version licensed
>from INSO Corporation. All rights reserved.
>
>(my emphasis)
>--
>Cheers 73 de dteague@csc.com "They're out there" K Kesey
>Guy KG5VT gteague@why.net "Don't you eat that yellow snow" F Zappa

To say that what was done to our citizens of Japanese ancestry
in WW II was wrong is a reasonable statement. I agree that it
was wrong and should not have happened.

It is also valuable to find a way to understand what made it
happen. Was it a result of malice or ignorance or just fear?
It came from all of those things, of course.

Could it have been avoided? Probably so. Facing the same kind
of situation today, would we act differently? I certainly hope
so. You and I are the only ones who can change the future, and
we must do so.

As for the past -- Since we cannot change it, we make what
reparation we can to those Americans we treated so terribly
because of their ancestry and culture.

We need not pretend that no mistake was made.

--

Proceed at your own risk (At whose risk were you proceding before?)
<jaminge@pacbell.com> AKA KE6DTC (Honest, that does not say "jamming")

3680. FS: Yaesu FT-530 Handheld Dual Band Ham Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Shane Golden <sgolden@usarmy.com>
Message-ID: <31B87C6E.5BAA@usarmy.com>
Source record: 199960
Cross-posted to: alt.forsale,seattle.forsale.misc,rec.radio.amateur.equipment

Yaesu FT-530 Handheld Dual Band Amateur Radio $200

comes with remote control speaker mic
2.5 watt and 5 watt battery
two carrying cases
miracle baby antenna
car adapter
car mounting equipment

The radio is in excellent condition, has only been used for about 3 months, and works great.

Shipping is free.
Will accept pre-paid by check or money-order or will ship COD for $5 more.

sgolden@usarmy.com
kb7zfv

3681. Re: 2m SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: Mike and Rose <PCPartners@why.net>
Message-ID: <01bb54ab.1036fac0$c9fdf0cd@mike-rose>
Source record: 199961

Of all places, Radio Shack has one they can order and have in stock or delivered to youfor about $70 (I think)
Works well and is designed for both those bands (thats the only Ham bands they sell) I bought one a couple of years ago and have found it very reliable.

73 de Mike/KC5OFM

>...
> I need to purchase a 2m SWR meter of acceptable quality and affordable
> priced. Actually - I need a 2m/70cm dual band capability - but have not
Thanks
> WB7VSG

3682. Re: ! June 96 CD-ROM Available !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-07 00:00:00 UTC
From: jrouse@dc.infi.net
Message-ID: <4pa2o9$shv@nw101.infi.net>
Source record: 199962
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

amsoft@epix.net wrote:

>AmSoft announces the June 1996 release of its CD-ROM "The World of
>Ham Radio". and blah-blah snipped..
====
I wondered how long it would be before the Internet hawkers found
this group.... DXers would surely want the "Flying Horse" Calbbook
disk, not this one, which is a rather paltry choice from among the
several on the market. The far better QRZ disk is available at $12.95
at many
outlets.
73, John KA3DBN

===
John L. Rouse Packet:ka3dbn@ka3rfe.md.usa.noa
Capital-Gazette Communications Fax: (301) 464-7027
Annapolis, Maryland Voice mail: (301) 262-3700 X200
==========
jrouse@dc.infi.net jrouse@capaccess.org
john.rouse@reporters.net.....

3683. Opinions on KPC-3 vs PK-12

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: SteveP@Dartmouth.edu
Message-ID: <SteveP-0706962059280001@ka2-45.dartmouth.edu>
Source record: 199872

Hi,

I'm a current owner of an Original TAPR TNC-2 Clone with a VERY old ROM, roughly 5+ years old. Have been considering upgrading for a while. Everywhere I look on Packet around here I see folks running these two units, plus the PK88.

I am looking for any opinions on either of these models. I don't really need 9600 yet, and am looking for a solid TNC, with the usual bells & whistles. Have considered doing APRS, but have an old non-NMEA compatible GPS, so that may have to wait.

I've narrowed it down to the KPC-3 and PK-12 - any pluses/minuses? (I've heard that AEA has poor service.)

Thanks for any thoughts you might have. E-Mail to the below address.

73s de N1TYE, Steve

3684. Re: Question on DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: geo@nando.net
Message-ID: <31b8f2da.6710901@news2.nando.net>
Source record: 199873

Mat Eshpeter <mat@clearnet.com> wrote:

>JPS makes a box that simply adds local noise
>(like power line noise) 180 degrees out of
>phase to the regular receive audio. The result
>is audio which has the noise "subtracted" from
>the received signal.

Close, but not quite. The ANC-4 is an RF product. This means the noise is removed BEFORE the receiver. What difference does that make? No DSP or other audio filter can let you here a S3 signal in the presence of S9 noise. The weak one is gone for good! But, if you remove the noise before the receiver, you can hear the weak one.

The ANC-4 works by using a noise sense antenna that is a good local antenna, but a poor DX antenna. When this antennas signal is equal in amplitude and 180 degrees out of phase with the main antennas signal, the noise will cancel and the desired signal will remain.

For more information about this see 1. the JPS web page, 2. E-mail JPS at jps@nando.net or 3. see Doug Demaws QRN Squasher article in this months CQ magazine.

73 DE KQ4QM (George)

THE geo DXCC page and THE geo LOVEBIRD page
http://www.webbuild.com/~geo

3685. Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: nobody@mockingbird.alias.net
Message-ID: <19960608005720.aaaa000lN@babyblue.cs.yale.edu>
Source record: 199874

The Rec.Radio.Amateur.* newsgroups are not the appropriate place
for posting Wanted or For Sale ads. Use Rec.Radio.Swap.

Thanks a million.

Ham Burger

3686. Looking for Kenwood Accessorys

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Plant <plant@buffnet.net>
Message-ID: <Pine.BSD.3.91.960608012859.17161A-100000@buffnet7.buffnet.net>
Source record: 199875

TXS fer reading :-)

I Just aquired a nice TS-520S w/ External VFO. However, Im looking for
the accessorys for it (the 520S) Ie the MC-50 desk mic, and the DG-5
digital freq counter.. or a Dig freq counter that would work on the 520S

TXS - Tom KB2URI
pse qsl via e-mail :-)

```
*--------------------+-----------------------------------------------------*
| Plant@buffnet.net | Fan of: MST3k, Don And Mike, SG:C2C, 60's and 70's |
| Tom T. Shaffer | rock, The Doors, Alanis Morisette, Led_Zep, Hendrix |
| KB2URI 146.64 + | If they were doing music in the 60-70's then I like |
| Buffalo, NY FN02PW | em! Member of:ARATS & MST3k Info Club #10109 |
| Resume' Upon Req :)| Check It Out! http://www.buffnet.net/~Plant (est)94 |
| -.-. --.- -.. . -.- -... ..--- ..- .-. .. -..-. -.- - - --- -- .... ..|
*--------------------+-----------------------------------------------------*
```

3687. Re: Question on DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Mat Eshpeter <mat@clearnet.com>
Message-ID: <4paqfs$8o7@dub-news-svc-6.compuserve.com>
Source record: 199876

JPS makes a box that simply adds local noise (like power line noise) 180 degrees out of phase to the regular receive audio. The result is audio which has the noise "subtracted" from the received signal.

Maybe someone on the net can comment on how the box (model ANC-4 ?) works with nearby power line noise, as well as other local noise sources.

Mat

3688. Trade DSP-93 for DSP2232 or 1232

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Bob Smith <bsmith@msn.com>
Message-ID: <01bb54e0.94e406c0$25a447cc@desktop>
Source record: 199877
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.swap

Hate to do it but I just have no time to tweak my DSP93 as I need to get
it going for sat work. SO I wish to trade it for a DSp2232 or 1232. It
is built and works perfectly. Also includes the PACCOMM TNC board
installed. Includes all docs and software.

Thanks for the bandwidth

Get me at bsmith@msn.com.

73.

Bob Smith N3FTU
Suwanee, GA
mailto: bsmith@msn.com
http://www.wp.com/~bsmith
ARRL, TAPR

3689. FS: Kenwood TS-520S $550 OBO, Kenwood 21AT $125 OBO

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: jlevin@paonline.com
Message-ID: <4paoc3$2kk@news.paonline.com>
Source record: 199878

Selling my Kenwood TS-520S with attached digital readout (DG-5)...Good condition, all manuals, etc. $550 or best reasonable offer.

Also Kenwood TH-21AT HT, 144 MHz, with rapidcharger, high capacity battery, $125 or best reasonable offer.

Call John, KA3QHX at 717-761-3415. Licensed amateurs only, please.

3690. Re: Yaesu FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun8.024032.10617@ke4zv.atl.ga.us>
Source record: 199879

In article <199606051206.IAA24075@news.interpath.net> david_k@simusa.sim.org writes:
>Please give me your recommendations on the FT-50R. I am new to ham
>radio and want to get a HT that has lots of features and a good
>value.
>
>Can anyone tell me about the SMA antenna connector? Is this standard
>like the BNC connector? How hard is it to find adaptors for BNC to
>SMA?

SMA is a standard connector used primarily in commercial microwave
equipment and other critical applications where constant impedance
and small size are important. Like the BNC, the female center pin
is fragile. Neither are intended for frequent connection and
disconnection. They should be treated as assembly connectors. The
SMA, due to its smaller size, should be so treated even more so
than the BNC. There are SMA->BNC adapters available, even Radio
Shack carries one.

Caution: These adapters can put undue strain on the FT-50R antenna mount.
The standard antenna has a shoulder which contacts the case and relieves
sideways strain on the SMA connector. The adapter does not have this
mechanical feature. Use the adapter only in cases where the radio and
cable will not be under mechanical stress.

>Why is it so cheap ($340) compared to similarly equiped transceivers
>lie the FT-51R($520)?

It only has one receiver. The FT-51R has dual receivers. The FT-51R
can do dual simultaneous receive, the FT-50R cannot.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3691. Re: Question on DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun8.024829.10701@ke4zv.atl.ga.us>
Source record: 199880

In article <31b595e8.67155973@news.netline.net> burch@netline.net (Burch Akin) writes:
>I am in the process of building a new home. The area has no antenna
>restrictions, but ny property has several power lines on it's south
>and west side. I don't know how these power lines will affect my
>reciever (I mainly use 2m SSB and 6m SSB.) If I DO get interference,
>would a DSP unit help?

Probably not. The current crop of DSP units don't seem to do much
for impulse noise, and of course they don't prevent the effect such
noise has on receiver AGC since they operate at the wrong end of the
receiver to do that.

The best cure for power line noise is to cure it at the source. The
cause is usually loose hardware on the pole, or a cracked insulator.
Test for noise with a receiver (a battery powered AM receiver will
do), and work with your power company to solve it.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

3692. Re: Question on DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4pb449$nk7@newsbf02.news.aol.com>
Source record: 199881

In article <31b8f2da.6710901@news2.nando.net>, geo@nando.net (George McCrary) writes:

>
>For more information about this see 1. the JPS web page, 2. E-mail JPS
>at jps@nando.net or 3. see Doug Demaws QRN Squasher article in this
>months CQ magazine.
>
>

But if you look at the CQ article, remember it won't work as drawn. The phasing circuit is technically incorrect and non-functional.

The description of the theory in the article is correct.

73 Tom

3693. HTX-212 question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Aubrey Hawkins <aubreyh@why.net>
Message-ID: <31B928CE.2499@why.net>
Source record: 199882

Hello all,

Recently got a hold of a 212 and have activated it to RX out of band.
However, I can not get it to actually RX. For example, the radio accepts
162.400, (the NOAA weather radio), but I can not hear it. I can turn the
squelch all the way down and hear the hiss. My RX tone is off.

Any help is appreciated.

Aubrey Hawkins
KC5USI
Dallas, Texas

3694. Re: RG-389

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: dkelly@hiwaay.net
Message-ID: <dkelly-0806960153580001@news.hiwaay.net>
Source record: 199883
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <nts.514.0578F504@nortech.com>, nts@nortech.com (Dean Heinen) wrote:

> The "Times Microwave Coaxial Handbook" says:
>
> RG-389
> Inner Conductor: 0.2500 in. BC Al.
> Dielectric: PE Spline
> Nom. DOD: 0.635
> Sheilding (number/type): 2/SC
> Jacket material: PE-IIIA
> Nom. OD: 0.875 in.
> Weight: 0.366 lbs/Ft.
> Nom. Impedance: 50.0 Ohms
> Attenuation @ 400 Mhz: 1.5 dB/100Ft.
> Nom. Capacitance: 22.8 pf/Ft.
> Operating Temp. Range: -55 to +80 C.
> Max. Operating Voltage: 2000
>
> Notes: Low loss version of RG-189/U
>
>
> Hope this helps a bit.

Thanks, it does help. Playing in the shack I measured an 80' section I
bought at Dayton at 1.6 dB/100' at 445 Mhz. Looks like I measured pretty
well.
--
David Kelly N4HHE, n4hhe@amsat.org, dkelly@hiwaay.net
==
To invent, you need a good imagination and a pile of junk.
- Thomas Edison

3695. Re: F.S.>Icom 38A 220 MHz Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <4pb8b5$7e3@galileo.intercenter.net>
Source record: 199884
Cross-posted to: rec.radio.swap,houston.forsale,rec.ham-radio.swap,rec.radio.amateur.swap,rec.radio.amateur.equipment

SOLD to Sam Cedera AD4PY.

Thanks Don unit works great !!!

3696. Re: Yaseu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <4pb82q$7bq@galileo.intercenter.net>
Source record: 199885

>
>Yaesu FT-530 Dual Band HT
>Extra 5watt Battery

>$350.00 (Free Shipping in US)
>
I believe this model is being sold NEW for $299 at closeout.

3697. Need info on chip to MOD Uniden HR2600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4pc5nh$ksm@mule1.mindspring.com>
Source record: 199886

I am looking for information on where I can find a replacement switch fir the uniden HR2600. I need to cover the 26000 to 29.700 band to use it with a transverter. I think there is a company called chipswith that sells suh a chip. Please help.

thanks
AC4OPieter
wave@mindspring.com

3698. Wanted Kenwood TS-940 Speaker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Charlie Vaughn <cvaughn@netdepot.com>
Message-ID: <01bb5567.1fc642e0$4283ddc7@cvaughn>
Source record: 199887

I would like to buy a nice TS-940 Speaker for my rig. If you have one and would like to sell it, please e-mail me the condition and price and I will get back to you.

Thanks,

Charlie
KD4AJ

3699. for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Duane Crosby <duane@mint.net>
Message-ID: <31B9816F.727B@mint.net>
Source record: 199888

Henry Amplifier 2006A (6 meters) Bought new late 89, has about
20 hours use. New from Henry $1695.00. Asking $1100.00

--
Duane R. Crosby KA1MVB
Wayne,Maine
duane@mint.net
207-685-4606
Computers can never replace human stupidity

3700. SX-25 help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: k8unp@bcfreenet.seflin.lib.fl.us
Message-ID: <4pbv1c$n3j@nntp.seflin.lib.fl.us>
Source record: 199889

I recently purchased a hallicrafters SX-25 reciever which had a broken dial cord on the bandspread. I have tried to figure out how to re-run the cord, without any success. I have the repair manual for the SX-25 but it does not show how to run the cord.

If there is anyone who can help me, please send me the diagram, so I can get the rcvr working. If you prefer, E-mail me your address/Phone, and I will arrange to pay for copy costs & postage. Thanks in advance.

--
________\ -.-.
Have Fun! 73, dah-di-dah \ \ \| \ \ \ --.-
|X|
Peter Rimmel |X|
k8unp@bcfreenet.seflin.lib.fl.us |X|
K8UNP@N4HHP.#HWDFL.FL.USA.NOAM (packet) _______|X|______
k8unp@shadow.net

3701. The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31B99657.7501@ccsnet.com>
Source record: 199890
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

The best selling book, "Hitler's Willing Executioners" by Daniel Jonah Goldhagen tells the story of how ordinary Germans (like hams) allowed the holocaust to take place. The author shows the ingrained deep hatred for Jews that Germans had for Jews before Hitler came to power and that there was a widely held shared view that the the Jews ought to be eliminated in some way from German society. When Hitler, ultimately, chose mass extermination as the only "final solution" he was thus easily able to enlist vast numbers of Germans to carry it out.

Of course those Germans NOT alive during World War II cannot be held responsible. But I refuse to respond to German "CQs" because I feel the mindset of Germans even today would allow a repeat of the holocaust if the only could find another Hitler. This was shown during the recent Gulf war when Germany was the one selling weapons and materials to make poison gas to Iraq.

Surely there are some caring decent German people that would resist another Hitler and another holocaust but there are too many Germans just waiting to finish what Hitler started.

Is there anyone that agrees AND is willing to say so?
I notice that hams rarely will stand up for or stand against anything.

3702. Kenwood TU-35 PL Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4pc1rg$q92@li.oro.net>
Source record: 199891

Anybody got a Kenwood TU-35 (35A, 35B, ...) Tone Encoder PL unit for sale, swap, or otherwise available? It is the PL unit for the 2600 series handheld.

Jim
Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
rst-engr@oro.net | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

3703. H A M F E S T and Computer Fest

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Samuel Geller <sgeller@mail.bcpl.lib.md.us>
Message-ID: <Pine.SOL.3.93.960608100644.25630N-100000@mail>
Source record: 199892

```
-----------------------------------------------------------------
| The Famous BRATS Maryland |
| |
| H A M F E S T and C O M P U T E R F E S T |
| |
| Sunday July 28, 1996 |
| |
| At the Maryland State Fairgrounds, Timonium, MD |
| (On York Road, just North of the Baltimore Beltway (695)) |
| |
| Air Conditioned Building LARGE Tailgating Area |
| |
| Plenty of Free Parking |
| Accessible to the Handicapped |
| For Information, or table reservations, call (410)467-4634 |
| OR brats@smart.net OR our home page: http://smart.net/~brats |
| |
| Talk-in on the BRATS Repeater System 147.030(+) and 224.960(-) |
-----------------------------------------------------------------
```

3704. Re: V-J 90PL ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Nick Button <nick@plains.demon.co.uk>
Message-ID: <834268271snx@plains.demon.co.uk>
Source record: 199893

In article <4o6eqt$529@ns.serpukhov.su>
vvv@radio.stack.net (Victor V Voronkov) writes:
>
> Hello !
>
> I'am looking for information about V-J 90PL two meters ampliffier.
>
> What's output power, max input power ?
>
> Victor

I've still got one of those from many years ago...
It uses an MRF 247 transistor which gives 90W output, but due to the
poor bias circuit I would be inclined to keep it down to around 50W on
SSB. Drive power should be 10Watts max.

The Preamp uses a 3N204 which may be a bit long in the tooth these
days...

I built a new bias circuit for mine and ripped out the preamp...

Good luck !

+--------------------------------------+
| Nick Button, Nottingham U.K. |
| email:- nick@plains.demon.co.uk |
| ham radio:- G4IRX @ GB7NOT.#23.GBR.EU |
| fax:- +44-115-956-1489 |
+--------------------------------------+

3705. FTP site for mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: powen@lynx.dac.neu.edu
Message-ID: <4pc6o8$4c6@chaos.dac.neu.edu>
Source record: 199894

ea4abb@linux.ea4abb.ampr.ORG (Roberto Munoz) wrote:

>Hello everybody...

>Some months ago I had a FTP site where I could find a lots of mods for
>radios. A terrible virus named "BARROTES" came on my O.S and clear all my
>partitions with deleting all...

>I need to know where is this site on internet. I need to make a mod on my
>TM733 ...

>Many thanks ! 73s

>-- Roberto
>____
>Email:ea4abb@ea4rct.clubs.etsit.upm.es | ampr: ea4abb@linux.ea4abb.ampr.org
>fidonet: Roberto Munoz 2:341/64.10 | ax25: ea4abb@ea4een.eam.esp.eu
><A HREF="http://www.etsit.upm.es/~rclub">Paginas WEB del Radioclub EA4RCT</A>

Try Oak.Oakland.edu its got it all!

You can anonymous FTP (use "Guest" as your password, no quotes) to
that location. the sub directory you want is:

/pub/hamradio/mods

From there go to the subdirectory of the maker of your rig.

73,

Phil N1XLP...

3706. FS IRF 1500 SERVICE MONITOR

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: mega@i1.net
Message-ID: <4pb648$ahk@news1.i1.net>
Source record: 199895

IRF 1500 SERVICE MONITOR LIKE NEW FOR SALE $6,OOO.OO
SEE PAGE http://www.i1.net/~mega

3707. Re:TS450 Extended RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: cvictor@hooked.net
Message-ID: <4pccs9$b9s_001@ppp.hooked.net>
Source record: 199896

Get a TS-690. It goes to 60Mhz. Same radio on HF bands as TS-450.

Chris

3708. FS RF PARTS AND ADAPTORS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: mega@i1.net
Message-ID: <4pb6bd$ahk@news1.i1.net>
Source record: 199897

SEE PAGE http://www.i1.net/~mega
RF ADAPTORS 50 OHM 50W DC TO 8 GIG LOAD

3709. Re: Info Needed: Mods for Alinco DJ-F1 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <4pce8g$4jg@galileo.intercenter.net>
Source record: 199898

In article <DsE5yx.5to@eskimo.com>, rmwatson@eskimo.com says...
>
>
>I recently purchased a used Alinco DJ-F1 2 meter handheld, and noticed
>while browsing through the manual that there is a modification that allows
>for AM receiption between 118-136 Mc. Does anybody know of any
>documentation regarding this, and if you have tried this, are there any
>forewarnings, or likes/dislikes?
>
>Thanks,
It is a keyboard mod enclosed in the manual.

3710. Collins ARC-190 Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: drhydro@aol.com
Message-ID: <4pcehg$4co@newsbf02.news.aol.com>
Source record: 199899

I picked up an Collins automatic, microprocessor-controlled antenna tuner-
CU-2275(V)2/ARC-190 - and I'm a-lookin' for enough info on it to allow me
to hook it up and make it play. All I know about the ARC-190 is that it's
a 2-30 MHz SSB 400-watt rig. Have source of 80/40m RF, enough wire to
make a rudimentary endfed longwire antenna, the mating connector and
plenty of 400Hz power- all I need is the info!

Paul Nelson KB0WOV
Ames, IA

(DrHydro@ames.net)

3711. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31B9AB4D.34F5@southwind.net>
Source record: 199900
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

KD6FYK wrote:
>
> maybe only extras and advanced are flamers!

Oh, I dunno... I've seen some pretty good flames coming from CB'ers and
No-coders.

'Touche!

Right, Steven?
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

3712. Re: F.S.>Icom 38A 220 MHz Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <Pine.GSO.3.93.960608150406.6052A-100000@zippy>
Source record: 199901
Cross-posted to: rec.radio.swap,houston.forsale,rec.ham-radio.swap,rec.radio.amateur.swap,rec.radio.amateur.equipment

On 8 Jun 1996, Sam Cederas wrote:

> SOLD to Sam Cedera AD4PY.
>
> Thanks Don unit works great !!!

Sheesh... not unlike strapping the buck to your front fender and parading
around. <snicker...> I missed out. :-(

Ken

____
Ken Harrison --- ken@cs.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
| Visit the Sonoma County Radio Amateurs Web Page. |
| Home of Hank's Swap Shop! |
| |
| http://www.cs.sonoma.edu/~ken/scra.html |
____
~~~~~~

3713. Re: FT-11R DC Power options

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Jonathan <jon@drs-grp.demon.co.uk>
Message-ID: <7oWAgCAZsfuxEw5G@drs-grp.demon.co.uk>
Source record: 199902

In article <4p6oov$7oo@star.epix.net>, Vic Klein <kleerdex@epix.net>
writes
>I'm thinking of adding an external DC power capability to the Yaesu FT-11
>without having to resort to buying several custom and expensive devices
>from Yaesu. Looking at the schematic, it would seem an easy option to
>attach a standard DC socket to an empty battery case and include 2-3
>diodes for polarity protection and to drop to 11vdc. Anybody done this
>or see a problem?
>
>Also, anybody using AA nicads in the FBA-14 battery case? I realize the
>manual says not to, but best I can tell that is only to sell more custom
>batteries, not for any technical reason (OK, the store bought nicads
>don't have current limiting, but that isn't really a problem, is it? If
>the radio has an internal short it already has a problem and I don't plan
>on using the radio in explosive atmospheres anyway!). Any comments?
>
> =Vic=
> WA4THR

I have got the FT-41R, which needs the same psu as the FT-11R. I
actually have bought the PA-10 for mains use. It cost 60 pounds. Anyway
one day I thought I'd have a look inside and see what my 60 quid had got
me.......NOT MUCH. There is one transistor from what I recall, and a few
resistors.

The PA-10 can take up to 16volts from the car battery, and the PA-10
needs to regulate it down to 9.6 volts? A series shunt regulator with a
zener diode would probably do the trick. Or, you could connect the car
battery or psu, etc directly to the little metal tags at the back of the
radio and supply power in that way. I am not sure if the 41R can take a
12 volts input directly. Put in an electronic fuse to be safe. The sight
of a 300 pound radio short circuiting across a car battery could be
upsetting!

Jon.
****
* e:mail: jon@drs-grp.demon.co.uk G7UWY 2E1DQJ *
****

3714. Re: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Rick Prather <rprather@telis.org>
Message-ID: <31B9871F.2AE3@telis.org>
Source record: 199903

How in world can the stupid internment of the Japanese by the U.S. Goverment be compared to the systematic
execution of 6 million souls by the Nazi's. Sounds like pretty heavy denial.

Rick
KB9E

3715. standard C 508 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Alan Jobst <ajobst@emma.irb.hr>
Message-ID: <31B97729.664A@emma.irb.hr>
Source record: 199904

Hi!

Does anyone have some experience with Standard 508 ?

Alan

3716. RC-850 Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Jeff Bertholdi <jbert@mail.dialnet.net>
Message-ID: <31BA3305.3C37@mail.dialnet.net>
Source record: 199905

If anyone has an RC-850 repeater controller that they would like to get rid of. WORKING OR NOT. I would like
to talk with you. Please E-mail me a jbert@mail.dialnet.net.

Thanks

Jeff jbert@mail.dialnet.net

3717. WTB: Pre-Owned Ericsson 800 MHz EDACS HTs'

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: pm3751s@acad.drake.edu
Message-ID: <1996Jun8.220830@acad.drake.edu>
Source record: 199906

I am currently looking for 2 pre-owned Ericsson/GE 800 Mhz Trunked EDACS hand-held radios. The units must have FULL DTMF Keypad, be in good to excellent shape (with all labels, etc attached), and be Very Reasonably Priced. Also would need rapid-rate desktop chargers to go with each radio.

If anyone has 2 out there and is ready to make me a sweet deal, please feel free to contact me here via E-MAIL.

Thanks.

pm3751s@acad.drake.edu

3718. FT-50R Cell Blocking Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Darryl Ponder <Darryl_E_Ponder@aud.alcatel.com>
Message-ID: <31BA70D9.3A52@aud.alcatel.com>
Source record: 199907

Anyone know how to unblock the cellular frequencies on a Yaesu FT-50R?
Any help appreciated.

Darryl

3719. Re: ICOM IC-2000H MODIFICATIONS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Bob Curci <bob@excaliber.com>
Message-ID: <31BA2F45.728F@excaliber.com>
Source record: 199908
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Tu and Bob Myers wrote:
>
> Will someone please tell me the source(s) for modifications to the
> IC-2000H?

Try Icom. They will give you all the mods your license can handle.

3720. Re: Wanted Icom 706 transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-08 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31BA190A.65B8@magic.itg.ti.com>
Source record: 199909

tinneyr@concentric.net wrote:
> I am looking to buy an Icom 706 with a serial number ofer 3200.
> Please respond through email!
> tinneyr@concentric.net
> Bob, KD8LR

Hi Bob, I assume your serial-number specific request is related
to some circuitry changes after 3200. Could you enlighten me
(and the other readers on rec.radio.amateur.equipment) if this
is the case? I'm afraid I dont have a 706 for sale, but surely
you'll find one. Just curious about the reason for a serial numbered
request.

thanks and regards,

Joe

3721. Re: MFJ1278 and JVFAX driver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: telecomm@thenet.net
Message-ID: <4pdidb$e9l@moe.thenet.net>
Source record: 199813

Tfugate@pop.uky.edu (Terry Fugate) wrote:

>In article <31B3B249.7518@concentric.net>, "Bruce C. Raisley A.R.S. N9ZLE"
<n9zle@concentric.net> says:
>>
>>I'm currently working on a driver for JVfax ver 7.1 to
>>work with the MFJ1278B in 16level mode for SSTV. I have the
>>receive part working but its very buggy at the moment.
>>
>>It would be nice if I can get some support, but it seems that most
>>hams talk about sstv on 14.230/14.233 and send very few pictures.
>>
>>I have asked in the past if there was a driver available, and the
>>only answer was to modify the TNC for DTR/CTR/DSR/CTS operation.
>>I'm not one to start pulling wires and makeing drastic changes to
>>my equipment if I don't have to.
>>
>>If there is anyone out there with the same problem let me know
>>I will make the driver available when it is done.
>>
>> Bruce N9ZLE
>After beating my head up against this problem, I just gave up and
>built the "simplest" (op-amp comarator) converter as shown in the
>JVFAX docs. It took about 30 minutes to put it togather and has
>worked flawlessly every since.
>Good luck

A very good answer! just an op.amp. 741,4 diodes,and that`s it!
for,tx,you need to add some stuff,but nothing special,may be
you`ll pay for everything 10 dollars!!

fabian
w4/lu1ayu
n.miami beac
florida

3722. Charging Gell Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: David Moore <dmoore@earthlink.net>
Message-ID: <31BA79B8.CC5@earthlink.net>
Source record: 199814
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

What is the best way (voltage, amps, charge time) to recharge a
12volt, 4 amp hour gel cell. The one I have is a YUASA NP4-12.
Thanks in advance,
--- Please respond via email. ---
--
EMAIL: dmoore@earthlink.net
WEB : home.earthlink.net/~dmoore

3723. Re: Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Dave Kaye <dkaye@mars.superlink.net>
Message-ID: <31BA5192.64FE@mars.superlink.net>
Source record: 199815

Ken Bessler (KG0WX) wrote:
>
> John Stephen Patrick wrote:
> >
> > I'll be getting my ticket shortly, and would like to purchase a nice HT
> > (dual band preferred) as my first radio.
> >
> > I've heard about Icom, Yaesu, Realistic (RS), etc. Which do you
> > consider the best?
> >
> > I'm thinking about a Yaesu FT-50R. Any comparisons to better handhelds
> > within the price range?
> >
>
> I can't recommend the 50r. There have been WAY too many problems reported!
>
> IMHO your best value would be the Alinco DJ580t. Oklahoma Comm Center usually
> has the best prices but there are others to call:
>
> Burghardt Amateur supply
> Radio City
> Radio World (Dave Floyd W9MPD: davef41@ix.netcom.com)
>
> If you contact Dave, Tell him I sent you.
> --
>
> Ken Bessler KG0WX
> Design Services Company
> http://www2.southwind.net/~kg0wx
> Model railroad designing

I own a Yaesu FT-50R and love it! It has got to be the best HT that I have owned. The price is right too(I
only paid $324 for the 5watt version) for the features included. I would reccomend the FT-50R to anyone in a
second! 73
--
Dave Kaye, N2SJH (dkaye@mars.superlink.net)

"Life is too short for fussing and fighting my friend"
-Lennon-McCartney

3724. Re: Need info on chip to MOD Uniden HR2600

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: telecomm@thenet.net
Message-ID: <4pdn58$fvf@moe.thenet.net>
Source record: 199816

wave@mindspring.com (Pieter Ibelings) wrote:

>I am looking for information on where I can find a replacement switch fir the
>uniden HR2600. I need to cover the 26000 to 29.700 band to use it with a
>transverter. I think there is a company called chipswith that sells suh a
>chip. Please help.

>thanks
>AC4OPieter
>wave@mindspring.com

You dont need any chip!
check at simtel ,or http://www.qrz.com
the go to "mods"

fabian
w4/lu1ayu

3725. HF Amplifier question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: whitestone@netins.net
Message-ID: <4pdi7t$i82@insosf1.netins.net>
Source record: 199817

I am thinking about purchashing an ETO 91B or a Commandor 2500 amplifier. Any comments on either of these or does someone have a good used one of similar quality. E mail me please at Whitestone@netins.net KE0PV ... Larry

3726. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: rogerjb@earthlink.net
Message-ID: <4pe8o5$i4b@peru.it.earthlink.net>
Source record: 199818
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In <31B99657.7501@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> writes:
>Of course those Germans NOT alive during World War II cannot be held
>responsible.

Germany's actions re: the murder of 10 million people, was inexcusable, and unspeakably evil. However, I call to your attention the fact that Germany has admitted its guilt, and has tried to attone for it. This is more than many other countries, which also engaged in deplorable behavior, have done. No point in naming them, or getting into a debate about the relative evils of their actions.

Amateur radio is an international fraternity that should transcend individual politics and ideology. You can't promote brotherhood and understanding if you simply refuse to talk to people.

Your decision though.

Roger J. Buffington
AB6WR
USC Law School Class of '97

rogerjb@earthlink.net

"I want to die peacefully, in my sleep, like my grandfather.
Not screaming, and in terror, like his passengers."

3727. FS: Kenwood TS-450SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: "Larry Taylor (WT5U)" <ltaylor@fais.net>
Message-ID: <31BADBD3.3C07@fais.net>
Source record: 199819

FOR SALE: KENWOOD TS-450SAT HF Transceiver. Has built-in antenna tuner, standard filters + International 400 Hz CW filter, oper. manual.

Very good condx, no scratches, used by non-smoker, never been mobile, works great!

$900. firm. Can be picked up in Austin, TX area or will ship. Buyer pays shipping and insurance. Will sell to licensed hams only.

Call Larry at 409-249-3092 home or 512-249-8349 work for more info or reply via email.

3728. Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: blackie@gate.net
Message-ID: <31bb070a.10340894@news.gate.net>
Source record: 199820

I have an old Yaesu FT-227R 2 meter rig which quit working a couple of years ago. The problem is that when you transmit, the led display goes blank, and nothing happens. One thing that I did notice before it quit transmitting all together is that the power output was slowly diminishing. Seems like it put out very little power even in the high power mode (10W).

My question is this rig worth fixing? I have thought about sending it to Yaesu to get fixed, but I really don't want to spend more than $100 to get the job done. If it is more than that I may just get a new second hand rig from someone.

Has anybody out there experienced this, and is it a problem that is fairly inexpensive to fix?

3729. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: rolfe@ldp.com
Message-ID: <4pejv1$4m4@rosebud.ldp.com>
Source record: 199821

In <4p9omp$8fi@newsbf02.news.aol.com>, w8jitom@aol.com (W8JI Tom) writes:
>In article <31B83359.63DE@ldp.com>, Rolfe Tessem <rolfe@ldp.com> writes:
>
>>I regularly run 1500 watts of continuous carrier (RTTY) into one of these
>>tuners, feeding a balanced load, and have had no problems with arcing or
>>heating. If it uses the same component(s) as the problematic MFJ, I'm not
>>sure
>>how one would explain this. Better mechanical design maybe?

>I would expect better tuning or a higher Z load exists at your station. Or
>perhaps you know how to tune a tuner correctly.

Well, I think I know how to tune a tuner (using highest capacity
setting that will achieve a match), but it may be that I also have
a higher Z load than others are trying to match. I use this tuner
to match a 160 meter double-extended Zepp, which I also use under
certain conditions on 80 and 40. It has gotten most of its use
on 80, in fact.

Do you have any experience with the Collins 180S-1 tuner, which also
is fairly compact physically? It may be operated as either an L or T,
although it has no internal balun so if you're feeding balanced line,
you need to provide a balun someplace. I don't believe these were ever
claimed by Collins to be rated at legal limit power, even under the
old rules, but plenty of anecdotal evidence suggests that they handle
the current legal limit just fine. Again, this may not be true for
extreme mismatches or Z loads that create lots of voltage. (For those
who are following the discussion, this tuner was not an amateur
product, but was designed to feed a wire trailing from an aircraft.)

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

3730. Re: FT-50R Cell Blocking Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4peot0$1f96@mule1.mindspring.com>
Source record: 199822

In article <31BA70D9.3A52@aud.alcatel.com>, Darryl_E_Ponder@aud.alcatel.com says...
>
>Anyone know how to unblock the cellular frequencies on a Yaesu FT-50R?
>Any help appreciated.
>
>Darryl

Ive hear that....

If you remove the PC programing cable while the pc is talking to it, the radio switches versions and receives cellular.

73's
Pieter
AC4OP

3731. Field Strength Meter or reasonable fax needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Kerry Coppinger <kdc@eden.com>
Message-ID: <31BAE989.35C8@eden.com>
Source record: 199823

I need a FSM for 400-500 MHZ work. Also, any reasonable facimile would work. Is there anything you can hook up to a scanner that would give you a relative reading at two distances which with knowledge of the FWD power output, you could calculate the effective radiated power? Need help or equipment source soon. Any help would be greatly appreciated. Thanks!

I am also in the market for a 2 watt mast head amp at the same freq. range. Circuit sources???

3732. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: lewis@phoenix.net
Message-ID: <lewis-0906961034400001@dial92.phoenix.net>
Source record: 199824

In article <19960608005720.aaaa000lN@babyblue.cs.yale.edu>,
nobody@mockingbird.alias.net (Anonymous) wrote:

>The Rec.Radio.Amateur.* newsgroups are not the appropriate place
>for posting Wanted or For Sale ads. Use Rec.Radio.Swap.
>
>Thanks a million.
>
>Ham Burger

Sender: daemon@cs.yale.edu

Not very (Anonymous) is it.

--
Lewis P. Stephens Jr. KC5PSX (Amateur Radio Callsign)
Amber, Inc. CLARC (Clear Lake Amateur Radio Club)
lewis@phoenix.net NAMU (NASA Area Macintosh Users)
LewisS3@AOL.com
73404.1403.compuserve.com

3733. RF pre-amp replacement info (Plessey ZN460)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: asekappos@v9000.ntu.ac.sg
Message-ID: <1996Jun9.233919.1@v9000.ntu.ac.sg>
Source record: 199825

I'm looking for an ultra low-noise wideband preamplifier to
replace a Plessey ZN460 in an old instrument.

The existing pre-amp has the following data
50-60 db programmable gain,
6 MHz bandwidth (3 db down, without external components)
800 pV/Hz noise figure, or 40 Ohm equivalent noise resistance
supply current: < 3 mA from 5V

Does anybody know any pre-amp with similar performance figures?

I understand that Plessey will stop producing the ZN460 soon.
Do you know whether they have any replacement or anything similar
which could be used, perhaps with some redesign of the rest of
the circuit?

Could you suggest Semiconductor manufacturers who produce
RF pre-amps in that range?

Please reply by direct e-mail.
Thanks in advance.

E. Kappos

3734. Yaesu FT-2500M memory cloning cable

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Bill Young <byoung@qni.com>
Message-ID: <01bb55ff.59de8f80$28721dce@noteswrk1.BANCSHARE.BOATMENS.COM>
Source record: 199826

A cable (Yaesu part #T9101418) can be used to link two FT-2500M radios and
"clone" the memory of one to the other. Does anybody out there have the
pinout of the cable? Two reasons I'd like to make my own: the cable's
not in stock at my dealer, and the cost! Thanks for any help.
--
Bill Young
byoung@qni.com
KB0UZQ

3735. XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <4peqrf$jr9@anarchy.io.com>
Source record: 199827

I have seen alot of questions about the differacne between these filters, I will attempt to give abit of info on
both.
XTAL filters are easy to design & manufacture, but have their limitations, such as; poles vs ringing effect,
passband width vs ripple effect.
To get a better shape factor to the filter passband, one can simply add more poles, but a "ringing" effect
becomes evident at more than 4 poles.
To get less ringing, you can widen the passband , but a "ripple" effect then appears.

MECHANICAL filters, are more difficult to design & manufacture, but are nearly free of these "ringing" &
"ripple" effects.
Out of passband attenuation is much greater in these filters, and IMD levels are much lower too.
Older hams know what I'm talking about here, more than the younger ones do.

Late model YAESU rigs are now using "old mechnical" filters for the above reasons, it just makes a good
transciever, even better.

My source for this data, is THE RADIO HANDBOOK by Bill Orr

Matthew A. Erickson
INTERNET ADDRESS; kk5dr@io.com
Location; "Middle-of-nowhere" (otherwise known as Paige,Tx.)
Occupation; Temporary resident of planet earth, (sometimes I'm the windshield, sometimes I'm the bug.)
Motto; "Infidilus non-carborundum" & "Carpia Deium" (thats latin, you know)

3736. RSPR0-2036/UNIDENBC9000XLT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: ag368@FreeNet.Carleton.CA
Message-ID: <4pes85$3ar@freenet-news.carleton.ca>
Source record: 199828
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

By any chance are these two radios the same? They look similar and the only difference that I can see is that the Uniden model has 500 channels vs. the RS unit which has 200. If they are the same is there a mod to get the extra 300 channels?

73

Mark Boyer

--
Mark Boyer VE3MJB ag368@freenet.carleton.ca
mboyer@cyberus.ca

E-mail someone who cares.

3737. Estate sale items

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: VMHX85A@prodigy.com
Message-ID: <4petcv$puu@useneta1.news.prodigy.com>
Source record: 199829

We have a few items left form the estate of Steve (WA3SGX)

-- DataScan frequency counter
-- Large professional scope
-- PK-88 packet controller
-- RS Patrolman scanner
-- Heath 1 KW tuner (large)
-- ICOM 28a (the receiver needs to be checked out)
-- a few small (1 to 2 amp) 12V power supplies
-- TVI filter (high pass -- 75 ohm)
-- Coax switches
-- SWR meters

For information , please contact me via my Prodigy internet address.

73's
Stu (W4RJD)
VMHX85A@prodigy.com
Stu-Glass@worldnet.att.net

3738. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4pf073$reb@newsbf02.news.aol.com>
Source record: 199830

In article <4pejv1$4m4@rosebud.ldp.com>, rolfe@ldp.com (Rolfe Tessem)
writes:

>Do you have any experience with the Collins 180S-1 tuner, which also
>is fairly compact physically?

Sorry Rolfe, none at all. I use a modified KW Matchbox or modified MFJ
989C, depending on the load.

> It may be operated as either an L or T,
>although it has no internal balun so if you're feeding balanced line,
>you need to provide a balun someplace. I don't believe these were ever
>claimed by Collins to be rated at legal limit power, even under the
>old rules, but plenty of anecdotal evidence suggests that they handle
>the current legal limit just fine. Again, this may not be true for
>extreme mismatches or Z loads that create lots of voltage. (For those
>who are following the discussion, this tuner was not an amateur
>product, but was designed to feed a wire trailing from an aircraft.)

Who sells them, and can you describe the components?

73 Tom

3739. wtb Heath manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: kb7ww@aracnet.com
Message-ID: <4pf07f$igd@cobweb.aracnet.com>
Source record: 199831

Need manual for Heath SM 110C counter.

Kb7ww@aracnet.com

3740. Re: Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: "Richard C. Mikulski" <richard@srvr.third-wave.com>
Message-ID: <4pf2mi$clm@news.third-wave.com>
Source record: 199832

blackie@gate.net (Blackie Lawless) wrote:
>I have an old Yaesu FT-227R 2 meter rig which quit working a couple of
>years ago. The problem is that when you transmit, the led display
>goes blank, and nothing happens. One thing that I did notice before
>it quit transmitting all together is that the power output was slowly
>diminishing. Seems like it put out very little power even in the high
>power mode (10W).
>
>My question is this rig worth fixing? I have thought about sending it
>to Yaesu to get fixed, but I really don't want to spend more than $100
>to get the job done. If it is more than that I may just get a new
>second hand rig from someone.
>
>Has anybody out there experienced this, and is it a problem that is
>fairly inexpensive to fix?

Try cleaning or replacing relay RL101 on the main unit.

WA3OFD

3741. The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960609110527288@atdbbs.com>
Source record: 199833

>>I notice that hams rarely will stand up for or stand against anything.

Then you haven't been reading...

Federal Communications Commission
Washington, DC
International Bureau
Satellite and Radiocommunication Division
Room 500, 2000 M Street, N.W.
Washington, DC 20554

"...In recent days, over 1,000 members of the Amateur Radio community
have contacted me regarding the upcoming 1997 World Radiocommunication
Conference in Geneva and expressed strong concern that U.S. proposals
will impact adversely on spectrum allocated for Amateur bands...

"Sincerely,

s/ Cecily C. Holiday
Director, WRC-97 Preparatory Team"

And, just FYI, California legislators consider 10 to 15 letters and
faxes to be a *strong* showing of support for a bill (in a state of
31+million population!).

y
clint.bradford@atdbbs.com
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *

3742. Re: Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: maccabeus@gatecoms.gatecom.com
Message-ID: <4pes92$qjq@www.gatecom.com>
Source record: 199834

I Have an Alinco DJ-F1T that is going for $260 with the high capacity
battery pack (5W). 2M with extended mods available at the snip of
a wire. It has been very reliable and the Wattage is 100mW/1W/2.5W for
the normal battery. 100mW/1W/5W with the high capacity pack. 40 channel
memory and DTMF paging. The best part is the Extended recieve and its
pocket size. $20 buys the 'AA' battery papck for those cases where
recharging is not available.

Ken Bessler
(KG0WX) (kg0wx@southwind.net) wrote: : John Stephen Patrick wrote:
: >
: > I'll be getting my ticket shortly, and would like to purchase a nice HT
: > (dual band preferred) as my first radio.
: >
: > I've heard about Icom, Yaesu, Realistic (RS), etc. Which do you
: > consider the best?
: >
: > I'm thinking about a Yaesu FT-50R. Any comparisons to better handhelds
: > within the price range?
: >

: I can't recommend the 50r. There have been WAY too many problems reported!

: IMHO your best value would be the Alinco DJ580t. Oklahoma Comm Center usually
: has the best prices but there are others to call:

: Burghardt Amateur supply
: Radio City
: Radio World (Dave Floyd W9MPD: davef41@ix.netcom.com)

: If you contact Dave, Tell him I sent you.
: --

: Ken Bessler KG0WX
: Design Services Company
: http://www2.southwind.net/~kg0wx
: Model railroad designing

--
73 Phillip KC8DQF
##
"If the government is big enough to give you everything you want, it
is also big enough to take everything you have."
##

3743. Re: Info Needed: Mods for Alinco DJ-F1 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: maccabeus@gatecoms.gatecom.com
Message-ID: <4pescs$qjq@www.gatecom.com>
Source record: 199835

Wierd, mine arrive already moded. remove the back cover and find the
red and blue wires in the lower right corner. clip the red for the
aircraft bands and the blue for extended transmit.

Sam Cederas (scederas@intercenter.net) wrote:
: In article <DsE5yx.5to@eskimo.com>, rmwatson@eskimo.com says...
: >
: >
: >I recently purchased a used Alinco DJ-F1 2 meter handheld, and noticed
: >while browsing through the manual that there is a modification that allows
: >for AM receiption between 118-136 Mc. Does anybody know of any
: >documentation regarding this, and if you have tried this, are there any
: >forewarnings, or likes/dislikes?
: >
: >Thanks,
: It is a keyboard mod enclosed in the manual.

--
73 Phillip KC8DQF
##
"If the government is big enough to give you everything you want, it
is also big enough to take everything you have."
##

3744. IC-T22a AM mod???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Mike de KB9LPJ <imrikfam@win.bright.net>
Message-ID: <4pf4fo$bjd@cletus.bright.net>
Source record: 199836

Hi.. Does anyone out there know how to activate the AM aircraft receive on an Icom IC-T22a?? It says in the magazine that with a simple keypad modification the AM aircraft can be received.. Maybe I'm mistaken.. Can anyone help me???

Mike
--
73's >> Mike de KB9LPJ

ax.25 --> KB9LPJ@KB9AMY.#NOWI.WI.USA.NA
Internet --> imrikfam@win.bright.net
TCP/IP --> [44.92.33.1]

3745. TRADE ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: mark russo <mrusso@hoflink.com>
Message-ID: <31BB4076.342F@hoflink.com>
Source record: 199837

Would anyone out there consider a trade ? I have a Kenwood TR-7930 2 meter mobile in 99% mint shape. It has 21 memories, factory PL, 25 watts, touch tone keypad on the front panel, nice green LCD display, center tuning LED, reverse and priority LED's, time and carrier scan, mic, mobile mounting bracket and the manual. This radio has NEVER been mobile. It was mounted under a shelf in my shack. I was going to post it for around $200 dollars. ALSO, I have a Santec 2 meter HT. This radio has 4 watts output, 10 memories, LCD display, PL, touch tone keypad, rubber duck antenna, charger and the manual. It is not in mint shape but works great. This is worth around $125 dollars plus.

I would like to trade both for a
Radio Shack Pro-2006 scanner or
Yaesu FT-530 handi talkie or
Alinco DJ-582 handi talkie or
an older 2 meter all mode (digital)
These items should be in good working order and should look good.

What do you think?
Thanks, Mark

3746. Re: ! June 96 CD-ROM Available !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: amsoft@epix.net
Message-ID: <4pf67h$6ld@coconut.epix.net>
Source record: 199838
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In article <4pa2o9$shv@nw101.infi.net>, jrouse@dc.infi.net says...
> The far better QRZ disk is available at $12.95
>at many
>outlets.
>73, John KA3DBN
>
>===
>John L. Rouse Packet:ka3dbn@ka3rfe.md.usa.noa
>Capital-Gazette Communications Fax: (301) 464-7027
>Annapolis, Maryland Voice mail: (301) 262-3700 X200
> ========================
>jrouse@dc.infi.net jrouse@capaccess.org
>john.rouse@reporters.net.........................
>

John;

FACTS:

QRZ added 32 New Programs in the June 1996 Issue
AmSoft added 108 New Programs in the June 1996 Issue

QRZ June 1996 has a corrupted file "tfhpn101.zip"
AmSoft tests all its files.

QRZ June 1996 has published damaged data in the call sign data
Check out KC8CSF, KC8CYB,KF4GSM, & N3XGK on your QRZ!
These people were all born on 12/31/99? and got a ticket on 12/31/99??
AmSoft notified the FCC of these flaws on April 22. The FCC fixed them.
It may be a surprise to you, but SAM, BUCKMASTER, & AMSOFT all fixed
the call sign errors before publication this spring , QRZ did not....

So go ahead an spend your $12.95 or the $9.40 they were selling for at Dayton!
You only get what you pay for.....

BTW I also use the flying horse CD and like it.

Pete, KC3TL

3747. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4pf7ij$kut@crash.microserve.net>
Source record: 199839
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

rogerjb@earthlink.net (Roger J. Buffington; AB6WR) wrote:

>Germany's actions re: the murder of 10 million people, was
>inexcusable, and unspeakably evil.

And it was committed by an organization of National *Socialists*.

>However, I call to your attention the fact that Germany
>has admitted its guilt, and has tried to attone for it.

Acknowledging guilt is grossly inadequate to reconcile what
the Nazi party did in terms of the country's ongoing liability.
Germany is still governed by socialists and despite the horror
of their history, they have not formed a constitution capable of
preventing such atrocities in the future. For the present
government to merely understand and admit that the genocide
committed by the Nazis was wrong will be of little comfort to
any future victims.

>This is more than many other countries, which also engaged in
>deplorable behavior, have done. No point in naming them, or
>getting into a debate about the relative evils of their actions.

In every instance, such atrocities have begun with government
refusing to recognize "lesser" individual rights, as well as its
responsibility to protect them. The lesson that should have been
learned in Germany is that government must be constitutionally
prohibited from using its power for any purpose other than the
protection of individual rights. That is its *only* moral
purpose, and every government in existence, including the U.S.,
remains in violation of this principle. For all nations not
to have corrected this in the aftermath of such horrendous
human suffering is a crime in itself.

>Amateur radio is an international fraternity that should
>transcend individual politics and ideology.

How does one transcend genocide? Individual politics and
ideology are the determinants of one's morality. Isolating
Amateur Radio from this arena only serves to expand its
presence into countries where the technical training to
which we are a party becomes a tool for government
oppression. No fraternity can possibly be claimed to exist
under such conditions.

73,
Jack WB3U

3748. IC-2000H Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <4pfbjr$4ac@galileo.intercenter.net>
Source record: 199840

To enable tx remove diode 8 which is a chip diode located on the logic board.

3749. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31BB2E1A.19F3@southwind.net>
Source record: 199841
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

WB3U wrote:
>
> rogerjb@earthlink.net (Roger J. Buffington; AB6WR) wrote:
>
> >Germany's actions re: the murder of 10 million people, was
> >inexcusable, and unspeakably evil.

And what has the US government done to the Indians? The Africans?

> And it was committed by an organization of National *Socialists*.

While Hitler's party name was "National Sozaliste " (National socialist AKA Nazi), They were in fact a facist orginization and in no way related to the current CDU (Cristian Democrats Union), FDP (Federal Democratic Party) or CSU (Christian Socialist Union).

>
> >However, I call to your attention the fact that Germany
> >has admitted its guilt, and has tried to attone for it.
>
> Acknowledging guilt is grossly inadequate to reconcile what
> the Nazi party did in terms of the country's ongoing liability.
> Germany is still governed by socialists and despite the horror
> of their history, they have not formed a constitution capable of
> preventing such atrocities in the future.

Not (exactly) true. The current constitution, written with the guidance of the allies, prohibits any German military action outside germany. This provision was written in to prevent Germany from ever again engaging in offensive warfare and conquest. However, you do have somewhat of a point, Jack. The current constitution is weak in the most critical area - preventing hate crimes. Yes, Germany is governed by Socialists. Lets not forget one thing: Hitler was a facist.

> For the present government to merely understand and admit that the genocide
> committed by the Nazis was wrong will be of little comfort to
> any future victims.
> 73,
> Jack WB3U

I agree! But what would you have them do? Mass suicide? They have been defeated, humiliated and occupied for 51 years now. The UN has forced a new constitution on them and they have abided by it. So, what more can they do?

P.S. Thanks to all for keeping this discussion flame free and spew free.

P.P.S. Private (I.E. just to me - not to the NG) E-mails with this subject header will be IGNORED - Post with some balls and let everyone read or shut up. This is NOT directed at you, Jack! It is directed to those who know who they are.

73's Jack!
--

Ken Bessler KG0WX (Ya, ich bin deutche)
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

3750. FT-50R Voice Messaging Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4pfcfg$1v6s@mule1.mindspring.com>
Source record: 199842

I just purchased the optional keypad to allow voice messaging. Following the instructions very exactly, I do get the radio to accept my page and record a voice message. It then plays back the CW ID over the air, followed by the message just recorded. It does not play back the message in memory 2. I have split the voice memory into two parts and have verified the response message is properly recorded in partition 2. I can play it back manually, and I can also play back the paging message recorded over the air. anyone else have experience with this?

By the way, this radio has been "modified" for full receive coverage. Perhaps there is an unintended side effect.

Any responses welcome.

Thanks, Don (KE4KYO)

3751. Help-ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: "Kenneth I. Rotker" <kir@pacbell.net>
Message-ID: <31BB41D7.52F8@pacbell.net>
Source record: 199843

I just bought a new Z1A & I ran into a programming anomaly that has me baffled. When I'm programming a repeater into memory or just using the VFO and I turn on the tone encoder by pushing FUNC & then T/TSQL, I can no longer hear any noise when I open the squelch. When I turn off the tone encoder the squelch operates normally. Also, when I key-up a repeater on some(not all) of my memory stations (with the tone encoder activated), I can't hear the repeater come up & then shut down although I can see the receive light light up and the S-meter indicates proper reception of the signal.

If anybody has knowledge of what's causing this problem, I'd appreciate your input. I realize this situation may not be a "problem" at all but rather a normal situation with this rig; however, the manual doesn't mention this at all.

73,
Ken, W4OFE

3752. Re: HTX-212 question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: rs@ham.island.net
Message-ID: <58R0oD2w165w@ham.island.net>
Source record: 199844

Aubrey Hawkins <aubreyh@why.net> writes:

> Hello all,
>
> Recently got a hold of a 212 and have activated it to RX out of band.
> However, I can not get it to actually RX. For example, the radio accepts
> 162.400, (the NOAA weather radio), but I can not hear it. I can turn the
> squelch all the way down and hear the hiss. My RX tone is off.

Have you got the ctcss rx call tone enabled? That would make the radio
ignore any call without the proper PL tone on it.

rs@ham.island.net __|
Robert Smits _/. |\
(VE7HS) CQ CQ CQ !!! < (0)
_ /__ |
( ) <_______/
\ \/ __

3753. MFJ keyboards?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: aa753@freenet.hamilton.on.ca
Message-ID: <4pfhom$ofp@main.freenet.hamilton.on.ca>
Source record: 199845

Anyone care to comment on the various CW keyboards marketed by MFJ?
I'm in line for a new keyer and it occurred to me that one that also
would provide keyboard capability might be a good idea. But there seem
to be at least three models, some with LCD readouts, and I'm wondering
(a) how well they work; and (b) how much of the bells and whistles is
worth having?
From reading the mail on 40, I gather many of the keyboard ops are
clinging ferociously to their old Heathkit models. Does this indicate
some shortcoming in the newer products?

-- Ron VE3SP
ronald.hands@freenet.hamilton.on.ca
rhands@inforamp.net

--

3754. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Steve West <steve.west@dial.pipex.com>
Message-ID: <31BBC350.6B84@dial.pipex.com>
Source record: 199846
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

John Thomas wrote:
>
> No....well not yet anyway. You can do the diode mod and open up
> the tx from 0-200MHz but the section from >60 to 144 it only puts
> out <1mW qqqqqqQRP!!
>
> I understand that ICOM UK are working on a mod to bring up the 4m
> side for Tx and this is to be publsihed in HRT soon ?
>
> jim G7NKS

Would you mind sending me or telling me where I can find details of this diode mod?

Regards,

Steve G4 VDE.

3755. FOR SALE DUAL BAND (2M/440) HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: 104613.3227@compuserve.com
Message-ID: <4pfivl$imk@dub-news-svc-4.compuserve.com>
Source record: 199847

```
2 pcs - ICOM W31A DUAL BAND (2M/440) HT with leather case
includes: Nicad battery pack
Battery case
Wall charger
Desk charger

Price: $900.00 for both
Terms: postal money order
Delivery: via UPS

email if interested.

73's

Tony
(104613.3227@compuserve.com)
```

3756. Windows DTMF software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4pfn0m$ell@news.cais.com>
Source record: 199848
Cross-posted to:
alt.radio.scanner,rec.radio.shortwave,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Could someone point me to a source for Windows DTMF decoder software.
I have a Soundblaster16 & Windows 95. I'm doing some testing & this would
really help me out! Tnx! David.

3757. National Electronics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: cochran@sound.net
Message-ID: <4pfo2b$rum@guitar.sound.net>
Source record: 199849

National Electronics has added a wide selection of amateur products to
there web pages.
http://www.sound.net/~ne/

3758. Re: Tor's History Lesson (was: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: "James R.Hussey" <jhussey@capecod.net>
Message-ID: <31BB993B.2712@capecod.net>
Source record: 199850
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

you guys need a history news group

3759. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4pfrvo$s38@crash.microserve.net>
Source record: 199851
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

"Ken Bessler (KG0WX)" <kg0wx@southwind.net> wrote:
>WB3U wrote:

>>And it was committed by an organization of National *Socialists*.

>While Hitler's party name was "National Sozaliste " (National
>socialist AKA Nazi), They were in fact a facist orginization
>and in no way related to the current CDU (Cristian Democrats
>Union), FDP (Federal Democratic Party) or CSU (Christian
>Socialist Union).

Men have the innate right to resist theft and coercion.
Socialism forces their compliance in contradiction to that
right by whatever physical means are necessary. It makes
no difference whether the enforcement occurs through the
courts or by occupation of the streets with thugs. All
who oppose the demands of government, regardless of the
immorality of those demands, are dealt with by force.
Anyone who can tell me why this isn't fascism, please
step up.

As to the new parties, they are related to the old by
their continued inability to divest themselves of the
aforementioned characteristic.

>> Acknowledging guilt is grossly inadequate to reconcile what
>> the Nazi party did in terms of the country's ongoing liability.
>> Germany is still governed by socialists and despite the horror
>> of their history, they have not formed a constitution capable of
>> preventing such atrocities in the future.

>Not (exactly) true. The current constitution, written with the
>guidance of the allies, prohibits any German military action
>outside germany. This provision was written in to prevent
>Germany from ever again engaging in offensive warfare and
>conquest. However, you do have somewhat of a point, Jack. The
>current constitution is weak in the most critical area -
>preventing hate crimes.

Ken, government should NOT be in the business of
prescribing punishment on the basis of one's beliefs or
opinions, even when they're obscenely offensive. This is
not the problem with the German constitution and I
consider it an exceedingly dangerous precedent in the U.S.

>Yes, Germany is governed by Socialists. Lets not forget one
>thing: Hitler was a facist.

Ultimately, all socialists are fascist and all fascists are
socialist. The distinction between the two is solely a
matter of perception. It has no effect on the violation of
rights that each system requires in order to survive, nor
the fundamental belief inherent to each that the state is
superior to the individual.

>> For the present government to merely understand and
>> admit that the genocide committed by the Nazis was wrong
>> will be of little comfort to any future victims.

>I agree! But what would you have them do? Mass suicide? They
>have been defeated, humiliated and occupied for 51 years now.
>The UN has forced a new constitution on them and they have
>abided by it. So, what more can they do?

I'm not singling out Germany in my denouncement of socialism
and government atrocities. However, the Nazi Party serves
as an example of some of the most horrendous crimes ever to
be committed by the socialist mindset. If any country in
modern times ever had a reason to research the fundamental
errors in government that have allowed such crimes to be
committed, and to forge a constitution that distinctly
defines and restricts the moral purposes to which government
power can be put, it is Germany.

73,
Jack WB3U

3760. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4pga2m$14c@nnrp1.news.primenet.com>
Source record: 199852

WERMUSIC <wermusic@initco.net> wrote:
: 10,000 newsgroups listed on my server and SWAP is not one of them
: So where's the problem ?

Could be the problem is your server refuses to carry commercial
newsgroups. If you turn this one into a for sale group, your
server may refuse to carry it too. Is that what you really want?

73, Cecil, KG7BK (W6RCA soon), OOTC

3761. Re: Lithium Battery for IC735???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31BBB26C.2088@accessnv.com>
Source record: 199853

William R. Discipio Jr wrote:
>
> Does anybody have recommendations on replacing the lithium battery in an
> IC735? My radio is six years old and I have the fear that one day the
> microprocessor's programming will vanish.
>
> Regards,
> Bill
> --

The IC735 did not have the programming loss problem that earlier radios (IC-745, IC-751) did ... if your battery dies, all that you will loose is any frequencies you have programmed into memory - you will NOT loose the operating system itself ... so continue on, and "Don't Worry"!

Very 73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3762. Re: TS790A Kenwood

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31BBB46B.4F16@accessnv.com>
Source record: 199854

Jefferson Rayol Frederico wrote:
>
> I have a rig TS-790A from Kenwood and I have some trouble with it. At =
> 430 MHz band SSB mode its output is only 10 watts PEP. In CW FM its =
> normal (about 30 watts) W1 in IF Unit is open for high output in SSB =
> mode. How could I increase the output power in SSB mode to reach at =
> least 30 watts. What are the VR of ALC and power to this 430 MHz unit?=20
>
> 73's from Amazanas Brasil PP8KWA
> jrayol@manaus.pegasus.com.br
> http://www.manaus.pegasus.com.br/user/pp8kwa/pp8kwa.html

Are you using a true Peak Envelope Power meter? If you are using a conventional (average power) meter, what you describe is exactly true. If you look at an SSB envelope with an average-reading meter, you will see approximately 1/3 of actual power, due to duty cycle of the human voice.

If you are indeed using a PEP meter, then you may have a problem.

Good luck, and Very 73!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3763. Re: Ameco PT2 part id needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31BBB4DE.302B@accessnv.com>
Source record: 199855

Clark Savage Turner WA3JPG wrote:
>
> Anyone have the Ameco PT2 preamp and can tell me the value of
> resistor R12? You would need to pop the lid to see it, but it
> is easily visible from there. The schematic does not give
> the value (!) My friend Dennis would like to get it back on
> line, the resistor is charred beyond recognition.
>
> Thanks for any help.
>
> Clark
> WA3JPG

If nothing else, try calling Ameco ... they are still very much in
business!

They are located in (I think) Mineola, New York.

Good Luck, and very 73!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3764. FS: Ethernet Cards

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Jefferson <cjeffers@luminet.net>
Message-ID: <31BAE507.E2E@luminet.net>
Source record: 199856

For all interested hams:

Note: this is not meant to be a spam I just thought I pass this offer onto
any ham.

I recently acquired 45 ethernet cards with BNC connectors, 8 Network hubs,
and two manuals. The cards are either 8-bit or 16-bit. I'm willing to let
the cards go for $5 a piece, hubs $20, and manuals you must contact me for.
Shipping adds $2 for cards $4 for hubs.
The cards or hubs have not been tested but when they were taken out of
service they were in working order.

Take one or the whole lot! Please reply to the e-mail adress below so everyone else does
not have to see your reply.

Jim Jefferson KB0THN
jjeffers@wms.luminet.net
http://www.luminet.net/~cjeffers/

P.S. Some prices are negotiable.

3765. Re: Opinions on KPC-3 vs PK-12

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Jefferson <cjeffers@luminet.net>
Message-ID: <31BAE5EA.2E65@luminet.net>
Source record: 199857

Steve,

I would recomend getting the KPC-3. I have been using for a year or so and the only problem I've had was connecting the power backward (my problem not its) and even with that all that happened was I blew a capacitor.

73's and good luck
Jim Jefferson kb0thn
http://www.luminet.net/~cjeffers/

Steve Peters wrote:
>
> Hi,
>
> I'm a current owner of an Original TAPR TNC-2 Clone with a VERY old ROM,
> roughly 5+ years old. Have been considering upgrading for a while.
> Everywhere I look on Packet around here I see folks running these two
> units, plus the PK88.
>
> I am looking for any opinions on either of these models. I don't really
> need 9600 yet, and am looking for a solid TNC, with the usual bells &
> whistles. Have considered doing APRS, but have an old non-NMEA compatible
> GPS, so that may have to wait.
>
> I've narrowed it down to the KPC-3 and PK-12 - any pluses/minuses?
> (I've heard that AEA has poor service.)
>
> Thanks for any thoughts you might have. E-Mail to the below address.
>
> 73s de N1TYE, Steve

3766. icom-706 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Lu Hui-Hua <gzluhuih@public1.guangzhou.gd.cn>
Message-ID: <31BAF183.2FF4@public1.guangzhou.gd.cn>
Source record: 199858

who can tell me How to modify Icom-706?

3767. am7911 modem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: Lu Hui-Hua <gzluhuih@public1.guangzhou.gd.cn>
Message-ID: <31BAF27F.4BB8@public1.guangzhou.gd.cn>
Source record: 199859

Everybody, here is BG7IX, from P.R.CHINA, and my interesting
is DO IT SELF.
Now, i will make a modem (use AM7911 modem chip) for redio,
and use Baycom terminal software to control it. who can give me
anything about it? (include circuit diagram), please give me
response OK? thanks.
73 & GOOD LUCK!
bg7ix:Lu Hui-Hua
E-mail:bg7ix@amsat.org
or:gzluhuih@public1.guangzhou.gd.cn

3768. WANTED: UHF Tranceivers!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: scott.mcquilkin@hal.apk.net
Message-ID: <EQUIPMNT.52DD@hal.apk.net>
Source record: 199860

USED or ReConditioned Portable and Mobile Tranceiver Radios WANTED!!!

MOBILE: 25w, 2chnl (min), Tone Card, Antenna (Magnetic/RoofMount),
Cigarette Plug Adapter.

PORTABLE: 5w, 2chnl (min), Tone Card, Antenna (Extendable/Rubber)
2-Battery Pack(s), 1-Charging Unit, Carry case, Cigarette
Plug Adapter.

All unit(s) should be programable or be able to be crystalled for the
460mhz range, and should be tone board equiped.

We are Offering up to $150.00 for each of these unit(s).

Serious Individuals with this type of equipment are urged to call the
office and discuss your terms with them.

--
!!! We'll gather the | Gray Security & Investigation Services
(o o) actual facts of | -Drug Detection & Control, Video Surveillance
mm_U_mm what happens... | Investigators Available 24hrs; (216) 333-7111
eMAIL: http://www.lawfirms-ww.com/services/security.htm

... Sustaining Member: **[Buckeye State Sheriff's Association]**

 Blue Wave/QWK v2.12

3769. HEATHKIT Two'er ...Manual and Mic WANTED!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: radiorob@serix.com
Message-ID: <radiorob.619.003602F0@serix.com>
Source record: 199861

Hello:

I am looking to purchase an original manual and microphone for the Heathkit Two'er 2 mtr. Rig. I will take a copy of the manual..if no original is available. Please Email me direct if you can help me get this neat little rig back on the air!!!

Thanks...73...ROB.

3770. Amateur Radio Equipment For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: kjackson@nmsu.edu
Message-ID: <4pd58g$8vl@bubba.NMSU.Edu>
Source record: 199910

For Sale:
Complete Amateur Radio Station

TEN-TEC OMNI 546 160-10 Meters
Includes Power Supply
Remote VFO
Antenna Tuner
Speech Processor
Microphone
Dummy Load
Tri-Band Beam with 40 foot crank-up tower
CDE Beam Rotator Control Table and Rack
Beam Rotator
Have Manuals for all units
$1000 Takes it all.
Shipping not included
Please do not respond to this email address
Call C.A. Jackson direct at 505-434-5255
Alamogordo, NM

3771. Improving IC706's stock mic audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4pd8ue$6c@news.cais.com>
Source record: 199911

Anyone heard of a mod on this or another newsgroup involving the removal of a "white cap/disc" over the electret condenser mic element in the stock microphone of the 706 to make it sound better (presumably less sharp & more basy)?????? Someone at HRO mentioned this to me & I'm interested if anyone has any insights! I'm always told my audio is either low or sharp or tinny , no matter how many adjustments I make to the mic gain, compression gain control on the side of the radio , etc. Tnx! David N4ZGT

3772. Re: I support the LEO and the loss of ham frequencies.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-09 00:00:00 UTC
From: rwilkins@ccnet.com
Message-ID: <4pd9kn$fin@ccnet2.ccnet.com>
Source record: 199912
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Gerald Caouette (ve6nap@oanet.com) wrote:

: A listing of the Companies proposing the LEO allocations in our bands
: should be posted and a followed with concerted effort by all amateurs
: to boycott, or otherwise negativly impact these companies.

There are several major players that stand to benefit from increased
spectrum for the LEO satellite system. Microsoft is one of the key funders.

Apple Computer is at this time going after a hundred fifty megahertz of
our 5.7 GHz amateur band for the terrestrial wide band spread spectrum
data networks. **

OK are you going to give up your ms-dos and your mac-os computers and
programs ?

How about all the Motorola radios, repeaters and semiconductors ?

and the list goes on ....

** see the News Alert at the top of the page on http://www.cave.org

Bob
--
Bob Wilkins home n6fri@uhf.org
Berkeley Hills, California work bob@cave.org
CM87uv play n6fri@n0ary.#nocal.ca.usa.noam

3773. TS-440SAT too much current on 20m

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: cbenjam@dinfsvs.com
Message-ID: <4pfs2b$s72@tkhut.sojourn.com>
Source record: 199713

Anyone with a Kenwood TS-440SAT have a problem with drawing too much current on a single band?...tuner works fine and using a new monoband dipole for 20m...does not do this on other bands. Any ideas?

thanx...Curt KF8HN

3774. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <4pfsbe$le2@nonews.col.hp.com>
Source record: 199714

Roger J. Buffington; AB6WR (rogerjb@earthlink.net) wrote:
: In <31B99657.7501@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> writes:
: >Of course those Germans NOT alive during World War II cannot be held
: >responsible.

<snip>

This is all an interesting discussion....too bad it doesn't have
anything to do with rec.radio.amateur.equipment.

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

3775. Re: Help with 2 to 4 wire tel. converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Brett Stirk <sstirb@cc.curtin.edu.au>
Message-ID: <31BB825D.77CD@cc.curtin.edu.au>
Source record: 199715
Cross-posted to: sci.electronics.design,rec.radio.swap,rec.radio.amateur.equipment

Lee Woldanski wrote:
>
> I need to build a circuit that will do the following:
>
> Take a normal 2 wire tel line and convert it into transmit audio,
> receive audio (basic 2 to 4 wire conversion), detect ring, and control
> on and off hook.
>
> Basically I am looking for a telephone interface to be used with a
> repeater controller.
>
> I would like to use a cct with as few components as possible, ie. the
> hybrid cct. contained in an IC.
>
> Manufacturers of such IC's and part numbers would be great.
>
> Any help would be appreciated.I've used the RB02.1 Hybrid made by Pascom Technology in two successful
projects.

It's a solid state device which provides what you require, a high degree
of isolation and an external impedance match network.

I've also heard that Mitel and Harris Semiconductors have similar
circuits.

Hope this helps.
Brett.

3776. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: wermusic@initco.net
Message-ID: <4pg1kb$lja@mercury.initco.net>
Source record: 199716

nobody@mockingbird.alias.net (Anonymous) wrote:

>The Rec.Radio.Amateur.* newsgroups are not the appropriate place
>for posting Wanted or For Sale ads. Use Rec.Radio.Swap.

>Thanks a million.

>Ham Burger
What do you have to hide using an ANON RE-mailer ?

Although I have never posted ANYTHNG for sale or WTB here - I should point out that this group ** IS** titled "EQUIPMENT". I have over 10,000 newsgroups listed on my server and SWAP is not one of them - I might think that OTHERS in this same boat, scanning along might see EQUIMPMENT and think that is WHERE stuff about EQUIMPENT (in any form) should go. Since there is NO SPECIFIC TITLE like "equipment MODS or equipment PROBLEMS, or equipment REVIEWS, or equipment INFORMATION, or a host of other identifiers - I would have to side with those that POST FS/WTB here. Besides, I don't think the very few "ads" we get are a problem - I don't even D/L most of 'em, I just skip them while selecting what articles (messages) I want to D/L to read. So where's the problem ?

DE - N7NBB - CAM
wermusic@initco.net

Marvel as each day flows
Swiftly through our lives;
As we travel through time,
Music makes us whole

Franz Douskey

3777. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: wermusic@initco.net
Message-ID: <4pg1k5$lja@mercury.initco.net>
Source record: 199717
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:
>>> I refuse to respond to German "CQs" because I feel the
>mindset of Germans even today would allow a repeat of the holocaust if
>the only could find another Hitler. [snip] but there are too many Germans just
>waiting to finish what Hitler started.

BURTON:

Let's see - by that line of thinking it should logically follow that
YOU don't (shouldn't) talk to any American (Anglo) persons because of
what they did to BLACKS and the NATIVE AMERICANS - on this continent,
(because if CERTAIN anglos could find an appropriate leader....THOSE
things would happen all over again, TOO !) You couldn't talk to any
Scandinavians, (fierce fighters and slaughterers that they were
generations ago) - same to be said of just about any culture given the
appropriate moment in history - - -Spaniards - Romans - Greeks -
GEE, BURT, - It would seem that you have NO ONE to TALK to but
YOURSELF. - It SEEMS you are the ONLY PERSON LISTENING to you,
anyway.

Please don't attempt to defend your racism and biggotry... it doesn't
become you.

(and don't let my sig line throw you off... sure the person quoted is
"FRANZ"... but I am a "SMITH" (ahhhggggh - watch out Burt, we're
everywhere, we're everywhere)

73, friend
DE - N7NBB - CAMERON
wermusic@initco.net

Marvel as each day flows
Swiftly through our lives;
As we travel through time,
Music makes us whole

Franz Douskey

3778. US Veteran NEEDS YOUR Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: sbown@infowest.COM
Message-ID: <01BB5646.4E14B520@Franklin.infowest.com>
Source record: 199718

09 June 1996

Ladies & Gentlemen:

Please direct my Inquiry to right person.

I am in need of an update computer system to help me while I go to =
school,
learning about computers and business.

You see I am a 100% Disabled Veteran (Desert Storm era). Finally, after
several years of REHAB, I have the chance to go to school and learn. My
school counselor says if I were to have a PC at home, similar to what =
the
school has, I could work at my own speed and pace. I could be able to
retain more of what was taught in class. As well as learn how to use =
the
incorporate programs into business use.

I was hoping to get help from the VA or another govt. agency, but after =
the
Govt. shut down, there wasn't anything.

It is very difficult for me to ask others for help, everything I ever =
received I had to work for. But now my disabilities=20
prevent me from working, as I once could. =20

If there is someone in your company that can help me, I would appreciate =
it. I will even accept PARTS that can be used in a system, PERIPHERALS, =
SOFTWARE or anything related, I can use in my computer/business classes.

I can send you a letter from the Veteran Affairs, verifying my =
disabilities if needed.
=20
Sincerely
Stan Bown
726 N 120 E
Hurricane, UT 84747

****

PS: If you cannot donate anything, would you consider selling "your =
product" at COST? (Although I am on a set income, I am able to save a =
little).=20
....even my VHF/UHF, I use in the shack QUIT!
**********=
***

I would hope that someone will reply, even if you cannot help.

3779. Re: FT-50R Voice Messaging Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <4pg5vo$1ho@chile.it.earthlink.net>
Source record: 199719

how difficult was it to install and how much did it cost?

andy n6xkn

3780. FT 50R Intermod problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <4pg637$1ho@chile.it.earthlink.net>
Source record: 199720

i am getting intermod on 482 mhz. has anyone figured out a way to reduce intermod or open the back of the radio for a peek inside?

andy n6xkn

3781. Questions on first rig,

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: scott9@usa.pipeline.com
Message-ID: <4pg4ap$ont@news2.h1.usa.pipeline.com>
Source record: 199721

I haven't gotten my Novice licence yet but I am going to get my licence in the beginning of July (or end of June), and I am looking for transceiver's.

I want something that will grow with my needs as I upgrade but "all-band" transceiver's are just too darn expensive! I've seen 80-10mtr Transceiver's but they don't go down to 2mtrs and if I upgrade licences immediately I will have outgrown my rig.

If you have any suggestions about what I should do, please e-mail me, thanks.

Scott
scott9@usa.pipeline.com

3782. KENWOOD TM-2550 2-Mtr for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Rick Heskett <RJHESKETT@worldnet.att.net>
Message-ID: <4pg80c$nq8@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 199722

Have a KENWOOD TM-2550 2 Meter FM rig for sale. It is in excellant condition.
5 Watts on low power and 50 Watts on high. Touch-Tone keypad on radio face.
Up - Down microphone. Mounting bracket.

Asking $250.00

E-Mail to Rick Heskett RJHESKETT@worldnet.att.net

3783. Re: Separation Cable for IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: John Hansen <hansen@oak.ait.fredonia.edu>
Message-ID: <31BB8E5C.6859@oak.ait.fredonia.edu>
Source record: 199723

wrote:
>
> I bought an IC-706 about the first week of April. I sent in my card, etc. to receive the free separation cable a few days later. Since then
I have heard noth
>
> David W7AQK

I bought one at Dayton and haven't received the cable yet either. I
guess I wasn't too surprised at this point given the number they sold
there, but you message does have me a bit concerned.

John Hansen WA0PTV

3784. Re: Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <4pg70i$31j@galileo.intercenter.net>
Source record: 199724

I saw a major dealer closing out the Yaesu FT-530 Dual Band HT for $299 !!
Now that is one hell of an ht...I own one all ready.

3785. Re: Radio Shack Prices Outrageous

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: msl@nauticom.net
Message-ID: <4p1pne$fcs_001@net8.nauticom.net>
Source record: 199725

In article <19960529114719.aaaa003Dn@babyblue.cs.yale.edu>,
Kevin Muenzler <wb5rue@amsat.org> wrote:
>schmooze@msn.com (Ariel Maiselman) writes:
>
>-What do you think Radio Shack stands for?
>-Needless Markup""""""""""""
>-If i were you, I would'nt touch the place, i purchased htx 202 2
>-meter fm Broke 5 x's and still not opperating, then i bought a
>-voltage meter, it was about a week to break, they said it was faulty,
>-from the manufacture, who's the manufacture?? Any over sea's Company
>-that is willing to sell their wares, specially when their inferior
>-quality""""""""""""" That's Radio Shack"""""""
>
>How many times did you take it in for repair? Why didn't you ask for
>a new one? I worked for Radio Shack part-time off and on for about
>fifteen years. I never understood why people would buy something
>and bring it back several months later saying that it never worked and
>expected to have it fixed for free. Why didn't they bring it
>back the day it stopped working? (or shortly thereafter) Radio Shack
>is generous to a fault when it comes to equipment that is "bad out of
>the box." They are always more than happy to replace the faulty
>equipment. If your volt meter took a week to break did you take
>it back for a replacement? If you did and the problem was with the
>volt meter and not caused by abuse or accidental damage they would
>have replaced it with a smile. I still have the FIRST DVM that
>Radio Shack ever sold. It is over fifteen years old and still
>works fine. I have some of their stereo equipment that is more
>than twenty-five years old that works better than most of the
>newer digital stuff. Sounds like someone dropped the ball
>on this one. From your attitude it sounds like it was you. I have
>never had a bad experience at Radio Shack where either the store
>manager or district manager didn't fix the problem to MY satisfaction.

>I purchased one of the first HTX-202 rigs. It was one of the those
>with a design flaw that caused the zener regulator to fail because it
>was mounted too close to the final transistor. It was fixed and
>modified at no charge to me. Granted Radio Shack tends to skimp
>on features to keep the cost down and the markup up but the don't
>skimp on the quality of the features they do include. However,
>as with any company they do occasionally produce a lemon.
>The DSP-40 is excellent piece of equipment for $80 and really
>great for $40! The only shortcoming that it has no noise filter.
>As a narrow CW filter it is excellent. As a heterodyne eliminator
>it is excellent. What can you expect for $80? The next closest DSP

>is one by Timewave for $150. What's the difference? The Timewave
>unit has a noise filter. You may find that the attitude of the Radio
>Shack personnel and their willingness to help depends on the attitude
>of the customer. If you walk in and slam the merchandise on the
>counter you the Radio Shack people are much less likely to bend
>over backwards to help you.
>Kevin, WB5RUE
>wb5rue@amsat.org

THANK YOU, KEVIN! I'm glad to see someone who understands our "side". As an RS store manager, I can tell you that everything Kevin says is true. I could take up an incredible amount of space telling about all the different scams that people try to pull on us to get a free product. There are an awful lot of folks out there who seem to think if they yell, scream, and bitch loud enough they'll get anything they want (which, unfortunately, at times is all too true). I've seen items that "customers" have incredibly abused and then they bring it in, wanting a new one for free. And that's only the beginning. One thing I get tired of real quick is those who think that they'll get somewhere by acting like maniacs and cursing out me, my employees, the store, the company, and anything else they can think of. I no longer even listen to those folks - I tell them if they want to do business with me, I'll be happy to take care of their problem once they calm down and act professionally. If they refuse, I throw them out. If they don't leave, I call the police and make them leave. My district manager doesn't have a problem with that. I bend over backwards, as most managers do, to help my customers but I don't - and won't - stand for some of the crap people pull and the way some of them act. A lot of people out there need to grow up and act their age instead of like spoiled little brats. And for those of you who don't like RadioShack, no problem - exercise your rights in our wonderful capitalistic society to take your business elsewhere! I, for one, won't miss you!

Mike, KB3RG

3786. Re: MFJ keyboards?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4pghvn$6d8@crash.microserve.net>
Source record: 199726

aa753@freenet.hamilton.on.ca (Ronald Hands) wrote:

>From reading the mail on 40, I gather many of the keyboard
>ops are clinging ferociously to their old Heathkit models.
>Does this indicate some shortcoming in the newer products?

I'm not familiar with the newer models, but I have a Heath
keyboard that I bought new. I'll tell you briefly what I
like and don't like about it so you can make a comparison.

What I Like:

The Heath keyboard is lightweight and easy to carry. It runs
directly on 12 - 13.8 VDC. The rear panel has a Power switch,
Reset switch, headphone jack, volume control, pitch trimmer
(screwdriver adjust), and separate output jacks for positive and
negative keying. All other functions including speed, weight,
sidetone on/off etc. are controlled from the keyboard. The 'board
can be set to provide an audible "click" when each key is pressed.
There are ten numbered memories and automatic contest numbering.
It has several practice modes in which it generates random (actually,
programmed into ROM) characters. The 'board uses a three-color LED
bar-graph display for monitoring the amount of memory used in the
type-ahead buffer. Key action is nice and smooth, and the keyboard
has certainly lasted longer than any PC keyboard I've owned.

What I don't like:

Memory contents are retained by watch-type batteries that are not
particularly easy to change and seem to give up the ghost fairly
regularly. There is no input for external keyer paddles. Speed
and weight are set by entering the numbers into the keyboard; I
would have preferred a simple twist knob for these functions.
There is no way to monitor the actual characters in the type-ahead
buffer, therefore, a typo cannot be detected (or corrected) unless
you become aware of it as it's entered.

Hope this helps.

73,
Jack WB3U

3787. Re: ! June 96 CD-ROM Available !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: rwilkins@ccnet.com
Message-ID: <4pggn8$ij@ccnet2.ccnet.com>
Source record: 199727
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

KC3TL (amsoft@epix.net) wrote:

: QRZ added 32 New Programs in the June 1996 Issue
: AmSoft added 108 New Programs in the June 1996 Issue

Most of these programs are available here on the 'net.

: QRZ June 1996 has a corrupted file "tfhpn101.zip"
: AmSoft tests all its files.

Wow!

: QRZ June 1996 has published damaged data in the call sign data
: Check out KC8CSF, KC8CYB,KF4GSM, & N3XGK on your QRZ!
: These people were all born on 12/31/99? and got a ticket on 12/31/99??
: AmSoft notified the FCC of these flaws on April 22. The FCC fixed them.
: It may be a surprise to you, but SAM, BUCKMASTER, & AMSOFT all fixed
: the call sign errors before publication this spring , QRZ did not....

Four birthdays are wrong!! did you send them cards??

: So go ahead an spend your $12.95 or the $9.40 they were selling for at Dayton!
: You only get what you pay for.....

They were at Dayton and do not "Spam the newsgroups with their commercial
messages" every time they have an update.

: BTW I also use the flying horse CD and like it.

nitpicker and spammer you know the proper place is rec.radio.swap

: Pete, KC3TL

Bob
--
Bob Wilkins home n6fri@uhf.org
Berkeley Hills, California work bob@cave.org
CM87uv play n6fri@n0ary.#nocal.ca.usa.noam

3788. Information needed on Heath SA-5010 Keyer (uMatic)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: der@hpuerci.atl.hp.com
Message-ID: <4pggv3$r6p@hpuerci.atl.hp.com>
Source record: 199728

Hi I am looking for information regarding the SA-5010
keyer that was built by Heath. I would like to find an unloved manual
for same, or at least the power supply information (voltage and polarity)
for this device.

73,
Dave N4DJS

3789. Re: Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Robert Blumenkranz <radiobob@earthlink.net>
Message-ID: <31BBCBB2.1AE3@earthlink.net>
Source record: 199729

Richard C. Mikulski wrote:
>
> blackie@gate.net (Blackie Lawless) wrote:
> >I have an old Yaesu FT-227R 2 meter rig which quit working a couple of
> >years ago. The problem is that when you transmit, the led display
> >goes blank, and nothing happens. One thing that I did notice before
> >it quit transmitting all together is that the power output was slowly
> >diminishing. Seems like it put out very little power even in the high
> >power mode (10W).
> >
> >My question is this rig worth fixing? I have thought about sending it
> >to Yaesu to get fixed, but I really don't want to spend more than $100
> >to get the job done. If it is more than that I may just get a new
> >second hand rig from someone.
> >
> >Has anybody out there experienced this, and is it a problem that is
> >fairly inexpensive to fix?
>
> Try cleaning or replacing relay RL101 on the main unit.
>
> WA3OFD
Try resetting the CPU. The swithes to do this are
under the battery pack. Be sure you follow the
instructions for Gen or Ham coverage.
Bob Ni6r

3790. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: vince@getnet.COM
Message-ID: <199606100726.AAA03896@getnet.com>
Source record: 199730

```
add ham equipment
```

3791. Re: Separation Cable for IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4pgnrr$1ap@explorer.csc.com>
Source record: 199731

John Hansen (hansen@oak.ait.fredonia.edu) wrote:
: wrote:
: >
: > I bought an IC-706 about the first week of April. I sent in my card, etc. to receive the free separation cable a few days later. Since then
: I have heard noth
: >
: > David W7AQK

: I bought one at Dayton and haven't received the cable yet either. I
: guess I wasn't too surprised at this point given the number they sold
: there, but you message does have me a bit concerned.

: John Hansen WA0PTV

Got mine locally more than a month before Dayton. Nothing heard.
--
Cheers 73 de dteague@csc.com "Don't you eat that yellow snow" F Zappa
Guy KG5VT gteague@why.net "Can't melt it down in the rain" L Cohen
<http://www.why.net/home/gteague/gtweb.html> "They're out there" K Kesey

3792. Re: FT102 Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: 100317.1432@compuserve.com
Message-ID: <4pgt2r$7pd@dub-news-svc-3.compuserve.com>
Source record: 199732

r.a.booth@shu.ac.uk (Richard Booth) wrote:

>Hello Everyone

>I'm having a problem with my FT102 transceiver. When I end transmitting
>and release the PTT switch, the relays click over and it goes into receive - as
>would be expected. The problem is that now the receiver is very deaf. If I then
>press the ptt a couple of times, usually the receiver comes back up. Could this be
>caused by faulty / dirty relays in the changeover circuit ? Is this a commom fault ?
>Any suggestions regarding repair ?

>Many Thanks

>Richard Booth, G0TTL

Yes, this is a common problem with the FT102. It has loads of relays in it, and these can be a big source of problems. So much so, some radio service shops won't touch them.

That's the bad news. The good news is that it is not too difficult to clean up and/or replace the relays. Some of the relays have removable tops, so you can get some switch cleaner on them. The smaller relays are standard 24V relays which you can still get hold of quite easily. The biggest problem is getting some of the PCBs out. Hopefully, though, a good clean will solve most of the problems.

I have an FT102 whose previous owner was a heavy smoker, and it was filthy inside. It was exhibiting the exact same fault that yours is. I found the cause was dirty contacts in the relays on the RF unit (I think its called). This is the board on the top of the chassis, at the front, on the right hand side, just in front of the PA box.

The fault went away when I cleaned the accessable relays on that board.

I had a similar fault whereby the transmit power was down on some of the bands, and the PA didn't seem to load up correctly. This turned out to be dirty contacts on the band switch wafers. I suggest you give these a good clean while you are at it. (I got loads of brown gunge off these contacts in my radio.)

WARNING!!! If you are poking around inside the PA box, remember that the 800V HT supply remains for a _considerable_ time after the rig is switched off (can be of the order of hours). Be very careful not to touch anything inside the PA box. To be really safe, it may be a good idea to discharge the HT caps with a high value resistor and a well insulated probe .before starting work.

Good luck fixing your FT102. Despite the relay problems, it is a good radio (top of the range in its day I think).

73 de Ian, G0TCD.

Packet: G0TCD@GB7MSW.#33.GBR.EU
Amprnet: g0tcd@g0tcd.ampr.org
Email: 100317.1432@compuserve.com

PS: Do you have a complete set of circuit diagrams with your FT102? I have most of them, but am missing a couple (PA and IF unit I think, though I would have to check).

3793. New Web Site

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: yv5dta@bridge.net
Message-ID: <4pgudn$rks@news.bridge.net>
Source record: 199733

hello Gang...
I just setup two new web pages...
first mine: http://www.bridge.net/~yv5dta
and the SFDXA web page: http://www.bridge.net/~yv5dta/sfdxa.htm

Come and check it out!!

Steve
W4/YV5DTA
yv5dta@bridge.net

3794. Re: Ham-Equip Digest V96 #444

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: gianotti@ideanet.doe.state.IN.US
Message-ID: <1.5.4.32.19960610124514.00690530@ideanet.doe.state.in.us>
Source record: 199734

>I just purchased the optional keypad to allow voice messaging.
>Following the instructions very exactly, I do get the radio to accept
>my page and record a voice message. It then plays back the CW ID over
>the air, followed by the message just recorded. It does not play back
>the message in memory 2.

I have the same radio, with the same mod and have no problems with the voice msg. I do remember something about selecting which msg to play via the menu. Don't have the book with me at work so I cannot offer any other assistance, sorry.
. . . 73 and type to you later


```
____. .__
| | ____ | |__ ____
| |/ _ \| | \ / \
/\__| ( <_> ) Y \ | \
\________|\____/|___| /___| /
\/ \/
```

```
_____________________________________________________________
| John L. Gianotti KF9GW gianotti@ideanet.doe.state.in.us |
| Dir Computer Services VOICE: (219) 365-8551 x260 |
| Lake Central School Corp. FAX: (219) 365-6414 |
|_____________________________________________________________|
```

3795. Re: Separation Cable for IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: hduff@hcol.humberc.on.ca
Message-ID: <8344074548801@hcol.humberc.on.ca>
Source record: 199735

> I bought an IC-706 about the first week of April. I sent in my card, etc. to
> ceive the free separation cable a few days later. Since then I have heard no
> ng from Icom. Furthermore, I called Icom and was told the person handling th
> had "left the company", but someone would call me back. Nothing! I left ano
> r message asking someone to contact me, or at least acknowledge that my cable
> s coming. Nothing! What gives at Icom. As a Ten-Tec person for most of the
> st 25 years or so, I'm not used to this kind of miserable customer service.
> this what Icom does typically? Is anyone else out there waiting for their ca
> ?
>
> David W7AQK
>

I've been waiting for mine since the start of the free cable campaign
..back in JANUARY. I've been in contact with an Icom rep via e-mail.
He claimed that a cable was sent out to me about 2 months ago...it never
arrived. He promises me that another cable is on the way.

I bought my 706 with full intention of mounting it remotely and cannot
permanently do so until I receive the cable. (The 6m Es season is
passing us by in the meantime).
The Icom rep told me that the response has been overwhelming and the
supply of cables is backlogged. Funny however that you can go buy one
at the local candy store and they can replenish their stock when needed.
(Maybe Icom won't mind if we buy one and bill it to them :)

I'm getting fed up with waiting but I will give it another week or so
for the cable to arrive as I was told...then I will start barking again.
I think I've been pretty patient waiting over 6 months now. I'd be
dissapointed as hell to find out that someone who has purchased a 706
after I did has their free cable.

I believe that Icom should have bundled the cable along with the radios
in the lots to follow the start of the offer. They don't mind taking
our money up front !

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

3796. first rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Daniel_F._Stiles@inetgate.UShmm.ORG
Message-ID: <9605108344.AA834422878@inetgate.ushmm.org>
Source record: 199736

Scott wrote about what a new ham should get for a rig.

Well Scott, you have asked a question that will probably get you as many diverse answers as the number responding to your question.

I sense from your wording, cost is a consideration.

I might suggest instead of looking at specific brands and models, you consider the following:

Decide what your budget is going to be. Remember to factor in all the extras such as antennas, keys and or keyers, computer interfaces for Packet or Rtty, RF cables, and SWR bridge if desired and all the rest of the little things.

After you have figured out what is left to spend then shop the ads in the Ham Publications or direct on the internet.

It might be that used equipment is all you can afford. There are still some wonderful used rigs available from reputable dealers that will stand behind their product.

The trade-off on the older gear is that is does not have all the bells and whistles. Decide just how important the extras are. For example do you need a rig that will store 100 frequencies on HF? Or one that will directly interface to a PC for full computer control?

I think you are making reference to the ICOM that covers HF and 2 meters. That might be a terrific radio but do you need it or more importantly can you afford it? There are many first class used radios in the $600 and up price range. A good used 2 meter or dual band HT or mobile can be had by carefull shopping for about $250 and up. Yes, occasionaly you will find both for less.

Anyway, keeps your eyes and ears open and you can find good gear without having to take a second mortgage.

If money is not a problem, go for the top of the line. But remember, it may not be the right rig for you.

Perhaps the most important comment of all--the best radio in the world will not well with a bad antenna.
and on the other hand, a well working and located antenna will make a lesser rig work with the best of them.

Hope it helps

73 and an early welcome
Dan, KB1BG

3797. Reflex Clystron

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Anders Hagen <Anders.Hagen@microdesign.no>
Message-ID: <31BC1EC0.3C96@microdesign.no>
Source record: 199737

seeking pinout data for Reflex clystron tube VA-417c from VARIAN

Please e-mail:

anders.hagen@microdesign.no

3798. WWW YAESU FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <DssE7x.GEC.0.-s@inmet.camb.inmet.com>
Source record: 199738

All:

I am looking for internet resources containing information
about the FT51 Yaesu radios and related Yaesu equipment.
If you know places like this send me Email. I will
have a Yaesu FT51R WWW page up soon. The page will contain
information about the radio, mods for it, etc.

David

PS Site to be announced soon for the WWW page!

3799. WANTED: Mac Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <DssEDs.GJz.0.-s@inmet.camb.inmet.com>
Source record: 199739

All:

I'm looking for internet resources that might have
ham radio or scanner software for the Macintosh.
Can anyone recommend any?

David

3800. WTD Plessey Microwave docs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: gcouger@tacoma.ceatlabs.okstate.edu
Message-ID: <4ph974$5os@news.cis.okstate.edu>
Source record: 199740

Gordon Couger Senior Software Specialist
Biosystems & Agricultural Engineering Dept. Oklahoma State Univ.
114 Ag Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu

3801. WTB.military manportable HF transc.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Bill Reuber <breuber@mail.wcl.on.ca>
Message-ID: <4pha3a$t62@mail.hurontel.on.ca>
Source record: 199741

I am looking for Manportable HF transciever(QRP)battery operation
and coverage to 30 mhz.
Anything out there???please reply

3802. Re: Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4ph905$1ch@ssbunews.ih.att.com>
Source record: 199742

In article <31bb070a.10340894@news.gate.net>,
Blackie Lawless <blackie@gate.net> wrote:

>I have an old Yaesu FT-227R 2 meter rig ...
>... The problem is that when you transmit, the led display
>goes blank, and nothing happens. One thing that I did notice before
>it quit transmitting all together is that the power output was slowly
>diminishing. Seems like it put out very little power even in the high
>power mode (10W). ..

If I recall, the FT227R display blanks to indicate a loss of
lock in the synthesizer's phase locked loop. That's often
due to a defective crystal or other component in an offset oscillator.
You didn't mention if the problem occurs on simplex and both + and -600
kHz offsets.

Too, a failure in one of the power supply stages (e.g.,
a pass transistor or 3-terminal regulator) which services the
transmitter could cause this.

I bought an FT227R new in 1978 and designed and built a multimode
scanner controller inside. I no longer have the radio nor the
schematic.
--

==========
Copyright 1996, Bob Parnass, AJ9S AMPS Wireless Development Laboratory
parnass@bell-labs.com - (708)979-5414 Bell Laboratories

3803. Field Day cw reader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <834393958.AA06585@hamlink.mn.org>
Source record: 199743

Last year our Field Day station worked 20M CW using a PK-232 to decode CW and the WR9R logger program to send CW. We didn't have much time before the contest to experiment with the setup but did seem to have somewhat improved results with a DSP-9 ahead of the PK-232. This year we have the PK-232 and a DSP-59+ to work with but I'm interested in comments from the audience about anything they have used that might be better than the PK-232 for CW decode.

I borrowed an old stand alone Morse-A-Word decoder box and I also thought I'd try the HamComm v3.0 program, but I'd like to know what you've tried and found to work. Preliminary comparison says the Morse-A-Word decodes more reliably than the PK-232 but it only has an 8 character display. We can't rely on having good CW operators at the station the whole time and I'd rather not switch back to phone. Thanks for the replies. 73's.

Doug Reed, N0NAS email: n0nas@hamlink.mn.org
St Paul, MN

P.S. No, teaching 20wpm CW to all operators between now and Field Day is not an option but by having a chance to try it some might like it.

* SLMR 2.1a * It's only a hobby ... only a hobby ... only a

3804. HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: disalvo@ix.netcom.com
Message-ID: <4phcpi$cpj@sjx-ixn6.ix.netcom.com>
Source record: 199744
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I guy that I work with is apparently having a problem with his Radio Shack HTX 202 HT. Sometimes when he keys up on it, he gets an error message <ER-2>. Is anyone familiar with this and what it might mean. It seams to do it after it has been off for a while and when it does, he has to reset the unit's CPU.

Any info would be greatly appreciated

73

KC8BQP - Sam

3805. Does any have schematic for KDK 2M FM-2030 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: ke4ejq@atl.mindspring.com
Message-ID: <4pheuh$2ads@mule1.mindspring.com>
Source record: 199745

Looking for schematic or manual for KDK 2M FM 2030.ThanksKE4EJQ

3806. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4phf5r$ql4@info4.rus.uni-stuttgart.de>
Source record: 199746
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

:> Germany is still governed by socialists and despite the horror
:>> of their history, they have not formed a constitution capable of
:>> preventing such atrocities in the future.

FYI: The socialist part of Germany was discontinued a few years ago.

:>> For the present government to merely understand and admit that the genocide
:>> committed by the Nazis was wrong will be of little comfort to
:>> any future victims.

:>I agree! But what would you have them do? Mass suicide?

May be banning is from the civilized world and in particular the Internet
woud suffice for a start.

followint this thread in disgust, DL5UH

They have been
>defeated, humiliated and occupied for 51 years now. The UN has forced a new
>constitution on them and they have abided by it. So, what more can they do?
>
>
>P.S. Thanks to all for keeping this discussion flame free and spew free.
>
>P.P.S. Private (I.E. just to me - not to the NG) E-mails with this subject
>header will be IGNORED - Post with some balls and let everyone read or shut
>up. This is NOT directed at you, Jack! It is directed to those who know who
>they are.
>
> 73's Jack!
>--
>
> Ken Bessler KG0WX (Ya, ich bin deutche)
> Design Services Company
> http://www2.southwind.net/~kg0wx
> Model railroad designing

3807. Alinco dr-590 9600 packet mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Dj Merrill <deej@vsl.ist.ucf.edu>
Message-ID: <31BC4584.446B@vsl.ist.ucf.edu>
Source record: 199747

I recently purchased an Alinco DR-590 mobile rig, and would like
to use it for 9600 baud packet. Does anyone have the mods
necessary to do this?

Thank you,

-Dj

--

Dj Merrill Institute for Simulation and
Training / UCF
Associate in Simulation 3280 Progress Drive, Orlando, FL
32826
deej@vsl.ist.ucf.edu - N1JOV (407) 658-5513 / Fax: (407) 658-5059

"BSD: The way Unix should be"

3808. Re: RSPR0-2036/UNIDENBC9000XLT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4phhf7$9bm@lehi.kuentos.guam.net>
Source record: 199748
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

ag368@FreeNet.Carleton.CA (Mark Boyer) wrote:

>By any chance are these two radios the same? They look similar and the
>only difference that I can see is that the Uniden model has 500 channels
>vs. the RS unit which has 200. If they are the same is there a mod to get
>the extra 300 channels?

>73

>Mark Boyer

>--
>Mark Boyer VE3MJB ag368@freenet.carleton.ca
> mboyer@cyberus.ca

Cut diode D16 on the main board.

3809. For Sale: Q Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: ar748@FreeNet.Carleton.CA
Message-ID: <4phh6g$lf@freenet-news.carleton.ca>
Source record: 199749

Boonton 260A Q Meter, 50 Khz to 50 Mhz. Measures inductance,
capacity, Q, rf resistance. High quality, works fine.
Weight: 40 lbs net. $200. Can. E mail or call 613 828 9696
for details.

3810. Re: Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: david_k@simusa.sim.ORG
Message-ID: <199606101645.MAA17610@news.interpath.net>
Source record: 199750

Ken Bessler (KG0WX) wrote:
> I can't recommend the 50r. There have been WAY too many problems
> reported!

I am a new subscriber to ham-equip list. Can you give me some of the
problems that have been reported?

I am considering buying the Ft-50r
this week and after having read a review in the "Ham Radio Online"
magazine web page, it looked like a good unit for the money.
--//
-- David A. Keller Work: david_k@simusa.org
-- SIM USA, Inc. 704.587.1462
-- Box 7900 Home: kellermd@aol.com
-- Charlotte NC 28241.7900 KF4JDL
-- By Prayer Since 1893
--//

3811. Re: Information needed on Heath SA-5010 Keyer (uMatic)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: jmaynard@k5zc.hsc.uth.tmc.edu
Message-ID: <slrn4roni8.ff.jmaynard@k5zc.hsc.uth.tmc.edu>
Source record: 199751

On 10 Jun 1996 06:56:35 GMT, Dave Ritchie <der@hpuerci.atl.hp.com> wrote:
>Hi I am looking for information regarding the SA-5010
>keyer that was built by Heath. I would like to find an unloved manual
>for same,

I don't have a manual myself, but...

> or at least the power supply information (voltage and polarity)
>for this device.

The MicroMatic is one of the most forgiving devices out there: it has a bridge rectifier and 3-terminal regulator on the power input. Any voltage from about 8 to 20 or so, AC or DC, either polarity, will work fine. I use a Kenwood wall-brick battery charger. I don't recall the current required, but it's modest.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Just because I'm a superhero doesn't mean
I have to smell poo gas." -- Freakazoid

3812. TTL - RS232 Chips for CAT Interface boxes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: tomms@mnsinc.com
Message-ID: <4phj93$nlq@news1.mnsinc.com>
Source record: 199752

If anyone is interested in a source for the Computer interface chip as described in the 1996 ARRL Handbook, Digi-key has them for $3.00 a piece. If you buy less than $25.00 of merchandise, you are charged an extra $5.00. Perhaps, a local club would be interested in buying more. Additionally, a packet cluster may yield enough interested parties.

The toll-free for Digi-key is 800-344-4539 and the part number for this item is Maxim MAX232 CPE (16 pin DIP).

Good Luck,

Tom, NY4I

3813. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4phjo8$4rd@li.oro.net>
Source record: 199753

lewis@phoenix.net (Lewis P. Stephens Jr.) shared the following
priceless pearls of wisdom:
->In article <19960608005720.aaaa000lN@babyblue.cs.yale.edu>,
->nobody@mockingbird.alias.net (Anonymous) wrote:
->>The Rec.Radio.Amateur.* newsgroups are not the appropriate place
->>for posting Wanted or For Sale ads. Use Rec.Radio.Swap.
->>Thanks a million.
->>Ham Burger

Well...being as guilty of "misuse" of this newsgroup as the rest, it
might be well to reflect a bit on the foundations of the group...

Is it any less commercial for me as an individual amateur to ask if
anybody has an old outdated part to fix my old outdated radio as it is
to ask for technical advice on what might be wrong with my radio?
That is, unless we are willing to only talk about homebrew gear, we
are talking about commercial "equipment" in this group. Even if we
restrict it to homebrew, how many of you have busted a pencil apart
recently to make a resistor or wrapped tinfoil around saran wrap to
make a capacitor? Not to mention melting beach sand and drawing your
own silicon crystals out of it. Homebrew designs still revolve around
commercial parts.

So what we have is, in essence, a newsgroup dedicated to the
discussion of commercial equipment. I fail to see the difference
between asking advice on how to use the Kencom or Yaewood and seeing
if I can find a used one for my private personal use.

Not to mention that the "laws" in a democracy evolve as a function of
common use. The speed limit in New York at one time was 3 miles an
hour, and if you were caught galloping your horse faster, you were
breaking the law (if they had a horse fast enough to catch you). I'm
not at all sure that the average speed in New York today is any
faster, but the speed LIMIT is now geared towards a mode of
transportation that has a higher reasonable speed. This is an
EVOLVEMENT of what the "reasonable man" expects to find as a
limitation of living in a democratic society.

So do the laws and mores of a group evolve as a function of how the
group wishes to conduct itself. If this is a closed and moderated
group, then the closers and moderators have all the right in the world
to censor and select what appears on the group. In an open group such
as this, it seems that the users pretty well define what the uses of
the group will be, and I've seen as much "for sale" as "please help"
posts in my short time reading. I'm not suggesting that the group put
up with "Mistress Sally Hot Photos" ads, but I'm pretty willing to

allow a private amateur posting a FS or WTB for their personal use.

Besides, like most reasonable people feel about censorship on the broadcast media -- you've got the on-off switch in your hand, use it.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
rst-engr@oro.net | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

3814. ==> Icom IC-2710H - NEED INFO <==

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4phijl$96o@sloth.swcp.com>
Source record: 199754
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Hello Everybody,
I apologize if this post does not belong on this particular
newsgroup. This seems more appropriate than any other related to
Amateur Radio.
I am interested in buying the new Icom IC-2710H dual-band mobile
XCVR. Does anybody have one? I am looking to get some information
before I spend the money for it.
How do you like it? What do you like about it? What DON'T you like
about it? Any problems? Would you recommend it to other Hams? I would
appreciate thia and any other info regarding the `2710H.
Thanks as hope to hear from you soon!
Best of 73,
Brian, N5ZGT

3815. Need MOD for Standard C5900DA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <4phjpn$dtd@ns1.iamerica.net>
Source record: 199755

Hello,
Does anyone have the mod for the new Standard C5900DA Tri Band
Mobile? If so, please let me know.

Thanks es 73's
dwhowell@iamerica.net

3816. Re: Improving IC706's stock mic audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4phk8g$3qt@rock101.genie.net>
Source record: 199756

fwhitehurst@ezdial.com (David Whitehurst) writes:

> Anyone heard of a mod on this or another newsgroup involving the
>removal of a "white cap/disc" over the electret condenser mic element in the
>stock microphone of the 706 to make it sound better (presumably less sharp &
>more basy)??????

This wouldn't surprise me in the least. Someone at ICOM figures that all mobile microphones should have low output to force the operator to speak louder and, in the process, to increase the signal-to-noise ratio within the typically noisy mobile environment. They did this on the IC-2410's and it sounds like they are continuing the tradition here.

Typically, the mics can be opened up by removing a diode across the mic element, but you should obviously verify this for the mic you have. To their benefit, ICOM is usually pretty open about telling you how to do this.

Good luck!

Ty
--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

3817. Re: Radio Shack Prices Outrageous

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: scott9@usa.pipeline.com
Message-ID: <4phh69$eqr@news2.h1.usa.pipeline.com>
Source record: 199757

On Jun 10, 1996 05:52:25 in article <Re: Radio Shack Prices Outrageous>,
'msl@nauticom.net (Mike Lazaroff)' wrote:

>>
>>-What do you think Radio Shack stands for?
>>-Needless Markup""""""""""
>>-If i were you, I wouldn't touch the place, I purchased htx 202 2
>>-meter fm Broke 5 x's and still not operating, then I bought a
>>-voltage meter, it was about a week to break, they said it was faulty,
>>-from the manufacture, who's the manufacture?? Any over sea's Company
>>-that is willing to sell their wares, specially when their inferior
>>-quality""""""""""""" That's Radio Shack"""""""
>>

Well, I have never had a bad experience at R.S., so I wouldn't bad-mouth
it, but it seems like a lot of people have, maybe the one I go to is just,
different.

At other ones I have encountered salesdroids with major attitude problems.

3818. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: John Bosco <mvi@ix.netcom.com>
Message-ID: <31BC7D35.1FAF@ix.netcom.com>
Source record: 199758
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Samuel R. DiSalvo wrote:
>
> I guy that I work with is apparently having a problem with his Radio
> Shack HTX 202 HT. Sometimes when he keys up on it, he gets an error
> message <ER-2>. Is anyone familiar with this and what it might mean.
> It seams to do it after it has been off for a while and when it does,
> he has to reset the unit's CPU.
>
> Any info would be greatly appreciated
>
> 73
>
> KC8BQP - Sam

Quote from the HTX-202 Users Manual:

"Er2 indicates the transceiver's PLL section has unlocked. Have the
transceiver repaired by an authorized Radio Shack service center."

Hope this helps.
73,
John, KB2YJH

3819. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: rickets@earthlink.net
Message-ID: <4phm2j$hl2@chile.it.earthlink.net>
Source record: 199759

>MECHANICAL filters, are more difficult to design & manufacture, but are nearly free of these "ringing" &
>"ripple" effects.
>Out of passband attenuation is much greater in these filters, and IMD levels are much lower too.
Mechanical filters have an almost square "shape", but yield extremely
high harmonic artifacts; luckily these are easily filtered with
conventional techniques. Their insertion loss is significant,
requiring an extra stage of i.f. amplification.
(Paraphrasing Collins brochure from the '50s)

3820. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4phk91$15n@itnews.sc.intel.com>
Source record: 199760

rst-engr@oro.net (Jim Weir) wrote:

>Well...being as guilty of "misuse" of this newsgroup as the rest, it
>might be well to reflect a bit on the foundations of the group...

Hi Jim, Instead of willy-nilly violation of the guidelines, it would seem to me to be more logical to change the guidelines. If the guidelines are changed to allow for sale postings here, I will simply choose to drop this newsgroup from my reading list. As it stands at the present, the guidlines should protect me from unwanted for sale postings.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

3821. Re: Information needed on Heath SA-5010 Keyer (uMatic)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: John Mullan <jmullan@sr.hp.com>
Message-ID: <31BC6CCE.3F1F@sr.hp.com>
Source record: 199761

Dave Ritchie wrote:
>
> Hi I am looking for information regarding the SA-5010
> keyer that was built by Heath. I would like to find an unloved manual
> for same, or at least the power supply information (voltage and polarity)
> for this device.
>
> 73,
> Dave N4DJS
Just happened to be looking at the power cube for mine this weekend,
power out of the cube is 8.5 VAC. Looked at the schematic and it is
rectified in the keyer. Hope that helps. 73 de KD2LQ

3822. Re: Improving IC706's stock mic audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dssptr.E1F@iglou.com>
Source record: 199762

In most cases, all one needs to do is get into the menu while in ssb mode
and change Q4, the carrier freq down to about 0 or slightly below. This
gives better low freq response.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3823. 5400 Rotator Control

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: chrisl@SEDS.LPL.Arizona.EDU
Message-ID: <4phqma$vfs@news.ccit.arizona.edu>
Source record: 199763

Hi Folks,
Can anyone tell me where I can find information for computer
control of a Yaesu 5400B rotator? I'd like to write the software
myself to control it. How do I hook it up to the computer? Connect
the "External Control" 8-pin DIN to the serial port? Anyone have the
pin-outs?
I'm surprised I haven't been able to find any info about this
on the net.

Thanks for any help. Also, please email this as I'm not reading my
newsgroups as often over the summer.

--

Christopher A. Lewicki KC7NYV 520.703.5542 Maintainer of SEDS.LPL.Arizona.EDU
Chair, Students for the Exploration and Development of Space (SEDS-USA)

3824. Re: ==> Icom IC-2710H - NEED INFO <==

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Bill Stewart <stewart@peganet.com>
Message-ID: <31BC7998.5CE5@peganet.com>
Source record: 199764
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Brian Mileshosky, N5ZGT wrote:
>
> Hello Everybody,
> I apologize if this post does not belong on this particular
> newsgroup. This seems more appropriate than any other related to
> Amateur Radio.
> I am interested in buying the new Icom IC-2710H dual-band mobile
> XCVR. Does anybody have one? I am looking to get some information
> before I spend the money for it.
> How do you like it? What do you like about it? What DON'T you like
> about it? Any problems? Would you recommend it to other Hams? I would
> appreciate thia and any other info regarding the `2710H.
> Thanks as hope to hear from you soon!
> Best of 73,
> Brian, N5ZGT

Brian, I traded for one at the Orlando hamfest a couple of months ago
and have it in my van ...

Good points ...
Excellent receive and transmit range. I use a dual band glass mount
antenna on the side of my minivan and range on simplex while on vacation
last week was exceptional.
Selectivity is pretty good, Sensitivity very good.
Controls well laid out for mobile operation.
Easy to read front panel frequency readouts, day or night.

Not so good points ....
Cannot kill the duplex function. If I am scanning UHF and VHF and I
start to transmit on UHF, if someone starts talking on VHF you either
have to listen to them while you talk or turn the volume down on the
other band. Then, of course, you forget to turn the volume back up
later on and miss something.
Some rejection problems ... I get pagers interfering while downtown.
Mic hanger is goofy, just a square hole in a piece of metal.

Overall, I'm very happy with the quality and value of the unit. I
traded a 7 year old dual band HT and a 6 year old VHF only mobil rig +
$100 for mine.

The duplex problem is the one that really bugs me. I may be overlooking
some feature I cannot find in the manual, so check this out with your
dealer. If they can defeat that, it'll be an excellent unit.

One other note ... I looked at ICOM's home page on the internet to try to get some help on the duplex problem ... no soap ... say contact your dealer. Pretty poor internet capability that way.

73
Bill Stewart
N4CRO

3825. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: "William E. Sabin" <sabinw@crpl.cedar-rapids.lib.ia.us>
Message-ID: <31BC9A75.74F5@crpl.cedar-rapids.lib.ia.us>
Source record: 199765

David Rickmers wrote:
>
> >MECHANICAL filters, are more difficult to design & manufacture, but are nearly free of these "ringing" &
> >"ripple" effects.
> >Out of passband attenuation is much greater in these filters, and IMD levels are much lower too.
> Mechanical filters have an almost square "shape", but yield extremely
> high harmonic artifacts; luckily these are easily filtered with
> conventional techniques. Their insertion loss is significant,
> requiring an extra stage of i.f. amplification.
> (Paraphrasing Collins brochure from the '50s)

That was the "good old days". The mechanical filters these days are a whole new ball game.

Bill W0IYH

3826. AMATEUR RADIO EQUIPMENT FS (r)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: radcom@ottawa.net
Message-ID: <4pht5t$49j@nic.ott.hookup.net>
Source record: 199766
Cross-posted to: ott.forsale.other,ott.forsale,rec.radio.amateur.equipment,rec.radio.swap

please repost this message in HAM RADIO FORSALE GROUPS

John 613-224-2922, fax-613-225-8775, radcom@ottawa.net

*** THE RADIOs LISTED REQUIRE LICENSE FROM INDUSTRY CANADA ***
(AND PROBABLY ONLY USEFUL TO RADIO OPERATORS AND HAM FANS)
I expect that buyers of this equipment will comply with
all governmental regulations. The items were purchased as
surplus from The Government.

Motorola Radio Stuff, mostly VHF 138-174Mhz

MAXON80 Mobile Car Transceivers, Model MD33TSA1300A
25Watt P.O., some mount brackets available, some
car power cables (12V) avaliable, asking $25 each
qty 30 TRXs available

also matching PTT Hand Mic's asking $10,
Models CTMN6134B & 6055A, qty 20 mixed up

Desktop Station Mics, Amplified, classic MoCom style
46TMN1004A-1, great for CB also, qty 4, $25 each *firm*

and NTPN5505A power supplies, big heavy, that
power above in temp. base station mode, 220V

or make a bulk offer

MOCOM 35 Mobile Car TRXs, Model MD33CFA1300B
bigger 30Watt P.O., 138-174Mhz, 2 channel, 12Vdc
asking $30 each, qty 4 available

One big mother of a TRX, 50Watt P.O., this one is 120Vac
Model CL43BBB1100B , bring a buddy to lift this, $50 or
offer combined with other stuff

HANDHELDS! HANDHELDS! HANDHELDS!(138-174Mhz)

HT440's Model H33LCV6144A, 4 channels, no battery packs
qty 11 avaliable

HT90's Model H33HMV1124A, 2 channels, no battery packs,
qty 7 available

a bunch of flex antennas to bulk buyer(s)
Chargers Model NTN4636A (qty 9), Model NTN4635A (qty 8)
Model NTN4638A (qty 8), all with euro plug and 220Vac
Battery load test jig Model TEK-48 (qty 1)
make an offer on these 220Vac useful tings...

Other stuff
Pager Transmitter T1606AM , its massive, make offer
---

all units are surplus,
no delivery, the stuff will be heavy

OTTAWA ONTARIO CANADA

all prices are suggested and CDN $, no shipping inc.
[some of it is just way too heavy]

John (613)224-2922 in Ottawa or email back

3827. Looking for a GE 8950 tube or equivalent

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4phvvf$p2u@coranto.ucs.mun.ca>
Source record: 199767

Looking for a GE 8950 tube or equivalent.

What other tubes are substitutes?

3828. Computer Control Question (com Port)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <Dssv74.37J@mv.mv.com>
Source record: 199768

I have a Kenwood that I have been controlling through a serial (com) port on my PC laptop. Just recently I installed a TNC and a logging software package that works off my local DX cluster. If a DX spot comes through that I am interested I can click on the spot as it shows up on the logging program and then have the RC program move the receiver to the proper frequency and mode. This all sounds pretty neat but... My laptop only has 1 serial port 1 parallel port and a PCMCIA slot. Since I need 2 Com ports to pull off the neat operation described above, does anyone know of a PCMCIA card that will allow a second com port or for that matter any other work around.

Thanks,

Richard
N1VXW

Richard Lubash
N1VXW
email rlubash@poco.mv.com

3829. Dual function HT aircraft.ham????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Dave Hand <dhand@microdes.com>
Message-ID: <31BC5394.652C@microdes.com>
Source record: 199769

1. Does any one know of a commercial HT that is designed for aircraft and Ham use???

2. Does anyone know of a Ham radio that can do both (rx and TX) on aircraft freq. (Please, I dont want any of the psudo lawyer busy bodys giving me grief about type acceptance, I know its not, but as an emergency back up I'll take my chances~!)

Thanks!
Dave Hand WB4HYP
dhand@microdes.com

3830. Dual function HT aircraft.ham????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Dave Hand <dhand@microdes.com>
Message-ID: <31BC7237.4BFF@microdes.com>
Source record: 199770

1. Does any one know of a commercial HT that is designed for aircraft and Ham use???

2. Does anyone know of a Ham radio that can do both (rx and TX) on aircraft freq. (Please, I dont want any of the psudo lawyer busy bodys giving me grief about type acceptance, I know its not, but as an emergency back up I'll take my chances~!)

Thanks!
Dave Hand WB4HYP
dhand@microdes.com

3831. Standard C508A Freq. range

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: REC4@pge.com
Message-ID: <4phu1a$ci5@news02.comp.pge.com>
Source record: 199771

Hello All:

I just read an article on the C508A micro, mini dualband handheld (May CQ) and what to know if it is possible to open up the receiver in the blocked ranges?

73's

Dick, rec4@pge.com

3832. Re: 2m SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Neil Batson <nbmedic@med.unc.edu>
Message-ID: <31BC8784.1317@med.unc.edu>
Source record: 199772

Mike and Rose wrote:
>
> Of all places, Radio Shack has one they can order and have in stock or
> delivered to youfor about $70 (I think)

Try about $40.00.

> Works well and is designed for both those bands (thats the only Ham bands
> they sell) I bought one a couple of years ago and have found it very
> reliable.
>
> 73 de Mike/KC5OFM
>
> >...
> > I need to purchase a 2m SWR meter of acceptable quality and affordable
> > priced. Actually - I need a 2m/70cm dual band capability - but have not
> Thanks
> > WB7VSG
>
>

3833. Re: Info IC-738 Xcvr?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: "Richard L. Carey" <richard@nosc.mil>
Message-ID: <31BC9D6A.766C@nosc.mil>
Source record: 199773

John C. Oppenheimer wrote:
>
> Jeff Hutchinson <w4pbc@digital.net> wrote:
> >Anyone have experience with a Icom IC-738? I'm thinking of buying one.
> > > Any known product reviews? Thanks es 73,
> >Jeff W4PBC
>
> Check the audio. I find that the noise level of the audio PA is too
> high with earphones. With the volume turned all the way down, there
> is a high frequency hiss. The hiss level is high enough to be
> annoying when copying CW with headphones is a quiet room, which
> happens to by my normal environment.
>
> ICOM does not think that there is a problem, and has no plans to fix
> it.
>
> John KN5L

I had a similar problem with the ICOM 725. With the volume all the way down I measured 60mV of noise at the speaker. The volume control was too sensitive, blasting with the control just turned up a little(this was also confirmed in a QST product review). ICOM also denied that there was any problem, say that the rig was "very sensitive".
I fixed it by changing one resistor and lowering the ouput audio amplifier gain. I have seen the same problem in other ICOM's. They seem to crank up the audio gain too much, possibly to give the impression that the radio is really sensitive.

Richard, W6GHD

3834. Info Request- Maldol MK-30 motorized mounts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: steves@cher.heurikon.com
Message-ID: <4pia0q$dj9@badger.heurikon.com>
Source record: 199774

Hello All,

I'm considering the purchase of a Maldol MK-30 series motorized antenna mount for my minivan, so I'm soliciting opinions on it. Although expensive (~$160), this mount looks like the ideal solution for lowering my antenna so I can drive into my garage without getting out of the vehicle and dropping the antenna manually somehow. However, I am curious as to how the motor will operate in the harsh Wisconsin winters where it often gets to -20 degrees F (if it will operate at all). Most likely I will be using a large (~60") dual-band antenna like a Maldol ARD-16 or Diamond SG7900 on this mount, so I also wonder if the motor will have enough torque to lift such an antenna out of, say, 4 inches of snow on the roof without stalling or jamming. I can brush off the snow if necessary, but if the motor binds or hangs up in the cold regardless I will need to consider some type of antenna mounting.

Anyway, any feedback on these mounts (good or bad) is appreciated. (Also any opinions on then Maldol ARD-16 vs. Diamond SG7900 antennas themselves). Please reply via email since I don't get to read this newsgroup too often.

73 de KB9MMN,

- Steve

==
Steven Schultheis Heurikon Corporation steves@heurikon.com
==

3835. Auto Tuner, AT-11, Jan 95 QST

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Robert <rcollins@edcen.ehhs.cmich.edu>
Message-ID: <4pibdc$2nd@ramp2.tir.com>
Source record: 199775

Hello all,

can the at-11 tuner be modified to work in the 6 meter band?? I would like it to work with an ICOM IC-706 that covers 160 thru 6 meters. Or better yet, will it work in the 6 meter band as originally designed.

thanks in advance for any help

73

rob n4yhd

3836. Re: Advice on 2m linear amps

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <4pi9s1$lr9@news.jf.intel.com>
Source record: 199776

In article <4p89f2$94o@news.service.uci.edu>,
Brian Williams <dbwillia@uci.edu> wrote:

>Going to all that work and expense is fine, but don't ruin it by
>plugging it into the cigarette lighter. It isn't designed to give
>you the full battery voltage under the load of 30 watts output power.
>Please spend the extra time and trouble installing fused wires (yes,
>both the positive and negative leads) right to the battery. This
>also reduces the chance of picking up alternater and other sources
>of noise.

Its been my experience that many of the fuses and fuse holders cause
a significant voltage drop under higher current load, as much as 2 volts
or more. The lighter outlet has to supply 10-15 amps to the heating
element of a cigarette lighter.

A 30 watt amp is probably 60 watts input. That's only 5 amps at 12 volts,
less at 13.8 Volts. When current gets up past 20 amps I like to measure
across every connection to look for voltage drops.

--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

3837. Re: Auto Tuner, AT-11, Jan 96 QST

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Robert <rcollins@edcen.ehhs.cmich.edu>
Message-ID: <4pibq7$2r4@ramp2.tir.com>
Source record: 199777

I meant QST Jan 1996 in the original post

3838. WTB NC-50 Yaesu chrgr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Bob <rdashoff@ucr.campus.mci.net>
Message-ID: <31BCC9FB.22ED@ucr.campus.mci.net>
Source record: 199778

I looking for an NC-50 1 hr charger for the 530 series radio. Please let me know if you have one to sell.

Bob..... (909) 862-0357

3839. Re: Looking for a GE 8950 tube or equivalent

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: rh3333@aol.com
Message-ID: <4pih33$2ue@newsbf02.news.aol.com>
Source record: 199779

I have 8950 used and tested good -$30 each + UPS

3840. Need Help (!) with MFJ-949E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Connie Hulst <chulst@polar.polarcomm.com>
Message-ID: <31BCBEAB.5F44@polar.polarcomm.com>
Source record: 199780

I have been having trouble with the diodes in the MFJ 949E antenna tuner. About every month, both diodes go flat. I suspect that this might be caused by static electricity from wind blowing across my dipoles (I can hear sparks inside the tuner), but several other hams I know have the 949 and do not have this problem.

The diodes in the stock 949 are 1N34, but I also tried 1N4148, also with no success. It's kind of inconvenient to have to tear it apart every month to change the diodes! Any suggestions would be appre-ciated.

73,
Nick Hulst, AA0VY (regardless of what the header says)
chulst@polar.polarcomm.com

3841. Re: WANTED: Mac Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: lewis@phoenix.net
Message-ID: <lewis-1006962032000001@dial176.phoenix.net>
Source record: 199781

In article <DssEDs.GJz.0.-s@inmet.camb.inmet.com>, davidm@hous.inmet.com
(David Martin) wrote:

>All:
>
>I'm looking for internet resources that might have
>ham radio or scanner software for the Macintosh.
>Can anyone recommend any?
>
>David

Try;

Chris Smolinski's Home Page

" http://www.access.digex.net/~cps/ "

Hopes this helps

Lewis

--
Lewis P. Stephens Jr. KC5PSX (Amateur Radio Callsign)
Amber, Inc. CLARC (Clear Lake Amateur Radio Club)
lewis@phoenix.net NAMU (NASA Area Macintosh Users)
LewisS3@AOL.com
73404.1403.compuserve.com

3842. FT 767GX mods please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Peter Whellum <pwhellum@adam.com.au>
Message-ID: <31BC19B8.6E36@adam.com.au>
Source record: 199782

G'day,

Can anyone help me please with mods for the FT767GX HF/VHF transceiver. I am not particularly interested in the mods for transmitting on all frequencies, simply one that I have heard about - changing the standard 10khz per dial knob revolution to 5khz per rev.
Can anyone help please?
Thanks,

Peter VK5ZPG

3843. Re: YAESU FT-890 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: John Dobak <dobak@prolog.net>
Message-ID: <31BCD8B4.606E@prolog.net>
Source record: 199783

PWOLF wrote:
>
> Greetings,
>
> I have just purchased as my first HF rig, an 890. It has the built in
> antenna tuner. I am able to work all bands with the exception of 10 Mtrs
> FM.
>
> I have a G5RV that is temporarily set at about 10-15 feet off of the
> ground, with most of the ladder line actually laying on the ground. I do
> have it stretched out so it is not coiled or doubled up. This is a
> temporary measure until I can get a cherry picker in to remove several
> branches so I can rais it up to about 40 -50 ft. I should be able to get
> this done in a week or so.
>
> There is a 10 mtr repeater in Boston, about 35 miles as the crow flies.
> I have noticed that when I tune my antenna in the 10 mtr band, the unit
> takes several seconds (20-30), as opposed to say the 20 mtr band shich is
> 1 or 2 secs. I have the correct frequency, offset and PL.
>
> When I attempt to xmit to the repeater, the meter registers full output
> power. But I can not hear the repeater, nor can I get to it. Just after
> I release the PTT button, the "hi swr" indicator comes on for about 15
> seconds.
>
> Where this radio was used, I have only another week or so to return it if
> it is defective.
>
> Could this be related to the poor positioning of the antenna, or does it
> sound like something may be wrong with the radio. As you can see from my
> call I am new to the HF world. Any information would be appreciated.
>
> Thanks
>
> 73
>
> Paul...KE1FA
The 890 is a fine radio and the tuner will tune just about everything
including the bathtub. The problem with the 10 meter repeater may be
several things including being to far for direct wave and to close for
sky wave, A homemade vertical should help, as a test take some coax
rg8/x is fine skin the insulation off the top 8 feet or so and fold
the shield down the black covering so you should have roughly 8 feet
(7 feet 10 inches) of just the center conductor and the foam between the

center conductor and shield, dont bother to skin off the foam around
the center conductor and about 8 feet of the shield going down the
outside jacket, this will make the ant length about 16 feet total.
connect the end of the center conductor to a dogbone and tie it to
a tree branch or other convinent support and trging to keep the
antenna run as vertical as possible then run the remainder of the
coax to the rig. I think the fm repeaters are vertically polerized
and cross polerized antennas can suffer as much as 23 db of loss,
see if that dont help. also when engaging the antenna tuner try
turning the rig to cw mode and lowering the power out to 10 watts or
so and hit the tune funtion. Also take the g5rv antenna and throw it
tight in the trash as that is where most of them belong. you should
be able to put up either a full wave loop on the lowest freq you will
use or a half wave dipole at the lowest freq of use feed it with 450
ohm ladder line to your shack to a good 4-1 balun to your rig, you
will find it will tune anywhere with the internal tuner, but if you
should have a problem try adding or subtracting a few feed of feedline.
one of my antennas is a antenna cut for just below 7 mhz feed with
300 feet of 450 ohm and I use that antenna for 40 meters up including
the fm section of 10 meters, as a test of the ridiculus just to try
and see what the tuner will do I tried tuning that antenna on 80
and guess what it tuned so I tried 160 and guess what that also tuned
again, Now I wouldnt use a 40 meter zepp on 80 and 160 as the
arrangement would be inefficent and I have seperate antennas up
for 80 and 160 but the internal tuner matches better than any
outboard tuner I have tried. I recommend the 450 ohn 16 gauge
stranded line fromthe wireman I have over 1000 feet of the stuff up,
Its good and easyto work with, and use a good 4-1 balun not a cheap
piece of garbageand you should have plenty of fun, Good luch E-mail
and questions
-----Steve wb3amg--- :=}

3844. Re: Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4pilgl$5b3@newsbf02.news.aol.com>
Source record: 199784

try a new battery - or measure the voltage while transmitting

3845. RF Signal Generator for sale!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Donald Dietz <n3kfh@ravenet.com>
Message-ID: <31BCF01A.5D65@ravenet.com>
Source record: 199785
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.swap,delaware.forsale

Hello hams,

I have a Logimetrics model 925, 50kHz to 80MHz, RF signal generator for sale. This unit has a built-in digital frequency counter, which can be used seperatly within this range. RF level is adjustable from 1 microvolt to 3 volts. Modulation is adjustable at 400Hz, 1kHz, CW, and external.

This equipment was orignally used by the United States Coast Guard at its last overseas LORAN station, in Keflavik Iceland. It was within calibration (METCAL) standards as of March 19, 1995. It is very clean, and in perfect working order.

I resident in the New Castle, Delaware area. IF you would like to arrange to inspect the equipment, if in the local area, feel free to request so. All others pay shipping. I'm asking $250 or best offer.

--
73 de Don Dietz, N3KFH
Registered Certified Electronics Technician,
Communications Journeyman (ISCET) MD-250.
==========
| Internet: n3kfh@ravenet.com | Packet: n3kfh@n3meq.de.usa.noam
|
| |
n3kfh@k4ry.#cenal.al.usa.noam |
==========

3846. Re: Need Help (!) with MFJ-949E

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4pipo5$7at@newsbf02.news.aol.com>
Source record: 199786

In article <31BCBEAB.5F44@polar.polarcomm.com>, Connie Hulst
<chulst@polar.polarcomm.com> writes:

>I have been having trouble with the diodes in the MFJ 949E antenna
>tuner. About every month, both diodes go flat. I suspect that this
>might be caused by static electricity from wind blowing across my
>dipoles (I can hear sparks inside the tuner), but several other
>hams I know have the 949 and do not have this problem.
>
>The diodes in the stock 949 are 1N34, but I also tried 1N4148, also
>with no success. It's kind of inconvenient to have to tear it apart
>every month to change the diodes! Any suggestions would be appre-
>ciated.
>
>73,
>Nick Hulst, AA0VY

Hi Nick,

I suspect the problem may very well be static discharge.The diodes do have
a path to the transmission line via a small capacitor.

I'd install an RF choke on the output side of the T network, from the
connector causing the problem to the chassis. There's little you can do
near the diodes to help, since the spark contains broad spectrum RF
energy, and that's what the diodes and directional coupler respond to.

Hopefully installing the choke (or perhaps a high value resistor) will
drain off the charge, and stop the arcing.

73 Tom

3847. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: robert@kd3bj.ampr.org
Message-ID: <robert.834448830@kd3bj.ampr.org>
Source record: 199787

bobw@col.hp.com (Bob Witte) writes:

>Roger J. Buffington; AB6WR (rogerjb@earthlink.net) wrote:
>: In <31B99657.7501@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> writes:
>: >Of course those Germans NOT alive during World War II cannot be held
>: >responsible.

> <snip>

> This is all an interesting discussion....too bad it doesn't have
> anything to do with rec.radio.amateur.equipment.

>Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

I concur with Mr. Witte. Please move the discussion to one of the talk
or political newsgroups. Unfortunately, there will probably be flames there.

--
Robert Garland NX3S @ N3ACL.PA.USA.NOAM
Hilltown Township Bucks County robert@kd3bj.ampr.org
Pennsylvania USA Grid FN20ii
"Ham Radio is a calling"

3848. Re: Field Day cw reader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31BCC237.6D84@magic.itg.ti.com>
Source record: 199788

Doug Reed wrote:
>
> Last year our Field Day station worked 20M CW using a PK-232 to decode
> CW and the WR9R logger program to send CW. I'm interested in
> comments from the audience about anything they have used that might be
> better than the PK-232 for CW decode.

the human brain is an excellent machine...wow, what filters !

> P.S. No, teaching 20wpm CW to all operators between now and Field Day is
> not an option but by having a chance to try it some might like it.

Ok, ok. But operating without all those "helper tools" is one great
way to improve your sending and receiving speed, especially those
guys stuck at the 7 to 10 wpm plateau. Good luck in the contest.

happy field day. Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

3849. Contr.SONY CRF-V21 via RS-232

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: s.heinkel@link-r.de
Message-ID: <6AahTRT0tsB@r-she.link-r.zer.sub.org>
Source record: 199789

Nachricht vom 18.05.96 weitergeleitet
Ursprung : /REC/RADIO/AMATEUR/EQUIPMENT
Ersteller: S.HEINKEL@LINK-R.zer.sub.org

Hello everyone,

I`m neither a Ham nor a specialist in computing, I'm interested in
listening SW-Radio stations. I want to drive my SONY CRF-V21 via RS-232 by
the computer (store stations, frequencies, times etc.).
Does anybody have a software to support this ?
Thanks in advance !

Siegmar Heinkel
CrossPoint v3.1

3850. IC-T22A Extended TX pls

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-10 00:00:00 UTC
From: VR2YNN <hkham@susis.ust.hk>
Message-ID: <Pine.LNX.3.92.960610010741.24380A-100000@susis.ust.hk>
Source record: 199862

Hi all,
Can anyone tell me how the TX mod on IC-T22A is done?
Thank you.

Thomas
email:hkham%susis.ust.hk@uxmail.ust.hk

3851. Which 2meter HT with aircraft band to buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: don.detroye@mail.mei.com
Message-ID: <don.detroye-1106960803260001@dondiisi.diageng.mei.com>
Source record: 199663

Which handheld HT should I buy with 2 meters and a sensitive aircraft band reciever on it? Can somebody give me some suggestions? Thanks.

3852. Re: Dual function HT aircraft.ham????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: ad4hv@amsat.org
Message-ID: <31bd7a85.210756547@news.gate.net>
Source record: 199664

On Mon, 10 Jun 1996 15:06:31 -0400, Dave Hand <dhand@microdes.com>
wrote:

>1. Does any one know of a commercial HT that is designed for aircraft
> and Ham use???
>
>2. Does anyone know of a Ham radio that can do both (rx and TX) on
> aircraft freq. (Please, I dont want any of the psudo lawyer busy
> bodys giving me grief about type acceptance, I know its not, but as
> an emergency back up I'll take my chances~!)
>
>Thanks!
>Dave Hand WB4HYP
>dhand@microdes.com
Not very likely Dave, Since aircraft is AM and most 2 meter ham gear
is only FM (at least on Tx) the closest you might come is a 2 meter ht
that can recieve aircraft but not transmit. The only possibility
would be (I think) an all mode rig that could be opened up to cover
the aircraft frequencies but this would probably cost much more than a
cheap air band HT.
Best of luck

Mike
AD4HV
ad4hv@amsat.org (using mail forewarding due to
Mike Fletcher changing ISP.)
Tampa, Fl
813-622-9102

3853. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Ted F <Tfalkow@telerama.lm.com>
Message-ID: <31BD720E.68F0@telerama.lm.com>
Source record: 199665
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

John Bosco wrote:
>
> Samuel R. DiSalvo wrote:
> >
> > I guy that I work with is apparently having a problem with his Radio
> > Shack HTX 202 HT. Sometimes when he keys up on it, he gets an error
> > message <ER-2>. Is anyone familiar with this and what it might mean.
> > It seams to do it after it has been off for a while and when it does,
> > he has to reset the unit's CPU.
> >
> > Any info would be greatly appreciated
> >
> > 73
> >
> > KC8BQP - Sam
>
> Quote from the HTX-202 Users Manual:
>
> "Er2 indicates the transceiver's PLL section has unlocked. Have the
> transceiver repaired by an authorized Radio Shack service center."
>
> Hope this helps.
> 73,
> John, KB2YJH

Make sure he is not using the 202 with a 12 volt power supply and the rubber duck(that includes 12 volt batteries) There is sometimes a problem with some signal bleeding back into the 202 when it is at full power @ 12v. It causes the PL to unlock. Also, make sure he doesn't leave the battery on when using external power, some older 202s fry when external power is used with the battery installed. Hope I helped.
Ted F.
N3SQY

3854. FS 1hr chgr/FT-470 NC-37

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Bob <rdashoff@ucr.campus.mci.net>
Message-ID: <31BD7A2B.1FC@ucr.campus.mci.net>
Source record: 199666

I have the 1hr charger for sale for the FT-470 or 411e ht. If interested
please let me know, thanks...

Bob... (909) 862-0357 hm.
(909) 384-5237 wk.

3855. Re: IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: gottria@earthlink.net
Message-ID: <31BD82DD.4245@earthlink.net>
Source record: 199667

Rob Curtis wrote:
>
> I have read a few post regarding the programming kit for the ft-50r but
> HRO says it hasn't been released yet. What gives? Anyone?
>
> Also, I would liek to hear from folks who have a curios ticking on the rx
> end in 153.xxx range. My radio will tick as it scans, but not stop the
> scan or open the squelch completely. Is it picking up a weak signal or
> something? It is happening mostly on a local police dep. channel. Would
> the CTCSS tone keypad cure the problem, assuming I used the PD's pl tone..
> ?
>
> One more note. In general, thanks to everyone that has posted or replied
> as I try and get a handle on all this radio stuff. I've learned quite a
> bit with your help!
>
> -Cheers
> Rob.
> -
> Rob Curtis
> Staff Photographer- Sun-Journal/Sunday, Lewiston, ME.
> FBUL85A@prodigy.com

You can order it right from RT systems at 205-880-3093 and put it on your credit
card. Try putting in 867.450Mhz and see if you get an open carrier type noise, I do.
--

Greg Ottria, KE6PTP
San Leandro, California
E-Mail: gottria@earthlink.net
1996 Sea Doo GTX

3856. help me build .001 microhenry inductor (strip line maybe ?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: VE4KLM <slmusr03@MBnet.MB.CA>
Message-ID: <Pine.SUN.3.91.960611093017.13502B-100000@access.mbnet.mb.ca>
Source record: 199668

I am building a 6th order butterworth bandpass filter for the 2 meter band (hoping to kill the intermod problem at my location), but some of the inductors are just too small to wind using conventional air coil designs. I have seen the use of strips of metal to do this, but I do not know the calculations involved. The ARRL book I have shows lots of projects using pieces of wire or strips of metal, but they do not tell you how to calculate the inductance.

Can anyone give me dimensions for a .001 microhenry strip, and also maybe some strip line formulas, so that I can create my own inductors.

Thank you very much,

Maiko
VE4KLM

| SLM Software Inc. |
| slmusr03@SLMSoft.CA |

3857. Re: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4pjuog$g89@newsbf02.news.aol.com>
Source record: 199669

Why is this message in the rec.radio.amateur.equipment??

\\|//
(o o) Smile
and be happy!
----------oOOo-(_)-oOOo----------

N9MXT - Jeffrey

3858. MOD`s for FT-50r ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: "Casey Romanski (@s914)" <casey@s914.dseg.ti.com>
Message-ID: <31BD8CC0.167EB0E7@s914.dseg.ti.com>
Source record: 199670

I'm looking for mod's for the FT-50r. Please e-mail locations or
mod to casey@s914.dseg.ti.com

Has anyone unblocked the cell freqs on this radio?

Thanks,
casey

3859. Yaesu .rdf files (FT-50, FT-51r)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: "Casey Romanski (@s914)" <casey@s914.dseg.ti.com>
Message-ID: <31BD8D80.2781E494@s914.dseg.ti.com>
Source record: 199671

Anyone know of a database with .rdf files for these radios (ft-50,51) on the web??

Thanks,
Casey

casey@s914.dseg.ti.com

3860. Re: Ameco PT2 part id needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4pk0o8$jp7@safety.ics.uci.edu>
Source record: 199672

In <31BBB4DE.302B@accessnv.com> "Dale \"Squeak\" Porray" <ad7k@accessnv.com> writes:

>> Anyone have the Ameco PT2 preamp and can tell me the value of
>> resistor R12? You would need to pop the lid to see it, but it
>> is easily visible from there. The schematic does not give

>If nothing else, try calling Ameco ... they are still very much in
>business!

Thanks for the tip, but we have called Ameco and they will no longer
answer questions or service the PT2. Is there anyone out there with
a PT2 willing to check on the value of R12?

Clark
WA3JPG

3861. Web Vendor Listing

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Bill Levey <bro@bro.net>
Message-ID: <31BD885A.531E@bro.net>
Source record: 199673

A comprehensive directory of Amateur Radio businesses on the web is
available at: http://www.scott.net/~wa4fat/vendor.html

3862. Equipment from a silent key...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: GHVZ65D@prodigy.com
Message-ID: <4pk864$lik@usenetz1.news.prodigy.com>
Source record: 199674

Salutations!

I've been licensed as a technician class operator since April. It was my neighbor who first got me interested in amateur radio and convinced me to study for my license. Unfortunately, he died in December leaving his widow, and an adult daughter, both of whom I am acquianted with. I would very much like to buy his equipment from them, and was wondering how I could tastefully go about doing this?

Thanks,
Josh - N3XGR
n3xgr@prodigy.com

3863. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4pk9ap$h23@crash.microserve.net>
Source record: 199675
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

arden@teleport.com (Arden Eby) wrote:

>I think you and WB3U are using equivocal terms in English.
>Unlike the German usage, in English, "Socialist" can and
>usually does refer to social democracy.

<<snip>>

>Furthermore, WB3U's idea of equating National Socialism
>with either Social democracy or Marxist Socialism is utterly
>laughable.

With all due respect Arden, you've read much more into my
posts than was intended. I have no desire to dissect the
inane perversities of the various socialist sects, nor do
I find such scrutiny necessary in order to accurately
describe their members as thieves and extortionists.

73,
Jack WB3U

3864. Re: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4pk6ej$8jl@dawn.mmm.com>
Source record: 199676

Rick Prather <rprather@telis.org> wrote:

>How in world can the stupid internment of the Japanese by the U.S. Goverment be compared to the systematic
>execution of 6 million souls by the Nazi's. Sounds like pretty heavy denial.

>Rick
>KB9E

Please take Burt's BS topics someplace else and away from Ham Radio sections. He is a pathetic jerk. The only way we are going to get rid of him is to no longer respond to his posts. Maybe he will go somewhere else an find some pathetic souls to bother about Hitler and the effects on basket weaving in South Africa.

Opinions expressed herein are my own and may not represent those of my employer.

3865. WTB/INFO:HEATHKIT/HOMEBREW

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Frank <fchidsey@nando.net>
Message-ID: <31BDB20C.2F07@nando.net>
Source record: 199677

Hello All,

I just purchased my first HF receiver HR-1680 (need the speaker)and HM-102 meter(still need transmitter, amp,etc) I would like to set up a station with all Heathkit and or other assorted homebrew equipment/kits and would be interested in hearing from other Hams that have done the same. Specifically, I was wondering if Heathkit came out with a transmitter that would especially compliment the 1680. Also, I was wondering if I would be able to use one of the TENTEC 6mtr kits(20-6) with this rig.

Any tidbit(s) at all would be greatly appreciated.

73s,
Frank
KD4LSM

3866. Another FT736R Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: dave eckhardt <davee@hp5800.desk.hp.com>
Message-ID: <31BDB381.3B2E@hp5800.desk.hp.com>
Source record: 199678

Of all weekends, the Spring VHF contest weekend! While I wasn't serious about making points, I discovered another problem with my Yaesu FT736R on all bands. To make the story a bit shorter than it could be: the low temperature Saturday night was near 45 (F). We were camping at our new home location in the foot hills west of Fort Collins, Co. I turned the radio on about 0930 Sunday morning - air temp now about 72. To my dismay, I found the radio would only operate on LSB and FM - not what I wanted for the contest. The USB and CW positions would not function. I have not had the radio cool in the year I have owned it. I assumed it might be a low-temperature turn-on problem with the USB/CW oscillator. This could be either low beta of the oscillator transistor, low crystal activity, or marginal feedback around the active oscillator circuitry. All of these would be helped by warming the radio up. I set it in the sun for about 45 minutes. Now everything worked. Has anyone else experienced this problem? Is there a proposed fix for this problem? This is now Yaesu design problem number six for me on their FT736R. Did they EVER test the radio under slightly depressed temperatures. I believe this is within the published specified operating temperature range of the radio! I will NEVER buy another Yaesu again - especially for the money they get for the '736R!!!

In addition: The LO (synthesizer) noise WHILE TUNING makes finding a weak signal rather compromised. Many of the synthesizer spurs which are not evident when not tuning the radio become rather disturbing when the radio is tuned. It makes looking for weak signals a stepwise discontinuous operation. Its OK for FM, but certainly is a compromise for weak signal SSB or CW operation. This would not be evident in a noisey city location, but is certainly disturbing with a quiet antenna location. What ever happened to the old Kenwood TS-700A technology??!!!

3867. Sattelite Expertise Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: jkolin@cloud9.net
Message-ID: <4pkc7a$ll0@news.cloud9.net>
Source record: 199679

If you are very familiar with Sat.communications especially regarding
G.P.S. or E.L.T's or SatComm in general, please contact me.

Jay Kolinsky NE2Q
Pound Ridge, New York
914-764-5775=day

3868. Re: ICOM IC-2000H MODIFICATIONS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4pkbg8$27b@abyss.West.Sun.COM>
Source record: 199680
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <31BA2F45.728F@excaliber.com>, Bob Curci <bob@excaliber.com> wrote:
>Tu and Bob Myers wrote:
>>
>> Will someone please tell me the source(s) for modifications to the
>> IC-2000H?
>
>
>Try Icom. They will give you all the mods your license can handle.

Remove the front panel of the radio - this is done by removing the
two allen head screws from the front panel and then pulling the
front panel off. Look on the PCB behind the front panel for a
single SMD diode near the 'W1' silkscreened on the PCB; remove this
diode.

Replace the front panel.

Note that this mod can be made without removing the actual radio from
the mounting bracket.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

3869. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Ganter Robert 3039 ABSC Cordless <ganter@ens.ascom.ch>
Message-ID: <31BD574E.713E@ens.ascom.ch>
Source record: 199681
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Hi,

Burt Fisher wrote:
>
> The best selling book, "Hitler's Willing Executioners" by Daniel Jonah
> Goldhagen tells the story of how ordinary Germans (like hams) allowed
> the holocaust to take place. The author shows the ingrained deep hatred
> for Jews that Germans had for Jews before Hitler came to power and that
> there was a widely held shared view that the the Jews ought to be
> eliminated in some way from German society. When Hitler, ultimately,
> chose mass extermination as the only "final solution" he was thus easily
> able to enlist vast numbers of Germans to carry it out.It is certainly true, that lots of Germans actively (or passively) supported
Hitler and its regime, but the hatred against Jews and other minorities
(e.g. Gypsies) was not a German problem, but a problem found in all christian
countries. I think, the reasons why the whole thing went out of control,
is too complex to be discussed here (besides the fact, that it is off topic
here), so lets keep it out here.

> Of course those Germans NOT alive during World War II cannot be held
> responsible. But I refuse to respond to German "CQs" because I feel the
> mindset of Germans even today would allow a repeat of the holocaust if
> the only could find another Hitler. This was shown during the recent
> Gulf war when Germany was the one selling weapons and materials to make
> poison gas to Iraq.It was not Germany selling these weapons to Iraq, but German companies, which
illegally did this. German justice prosecuted (and still does) these companies.
To make responsible *the Germans* (and to say, they are just waiting for somebody
to do such illegal business) is an insult to all (and this is the huge majority)
Germans supporting a democratic System Germany is since the end of WWII.
It would be the same, if somebody just refuses to make a QSO with an American
station, because 'all Americans are racists discriminating black people'. Just
think about it, how long it lasted, until black people got the same rights as white
people in the USA. On which side did *You* stand in these times?
Although there are still ways to many of these brain damaged 'Arians' crying around,
there are not more racists in Germany (and Switzerland, and France, etc.),
than in USA. Just remember, where all this Nazi-crap showing up in Europe comes
from: It mostly comes from fuckers like Garry Lauck, which proclaim their crap as
'free speech'. As long as the USA (and Canada) is not willed to stop this abuse
of the certainly important right of free speech, I would suggest You to choose
Your words more carefully next time.

> Surely there are some caring decent German people that would resist
> another Hitler and another holocaust but there are too many Germans just

> waiting to finish what Hitler started.You are doing just what the nazis started 63 years ago: You are fiddling around with
history telling lies and changing facts to bend reality to what You want it to be.
Have You ever been in Germany and have You really found all but a few Germans
to be Nazis?
Or do You just tell us about Your fantasy, how You *think* the Germans are
(or have to be?).

> Is there anyone that agrees AND is willing to say so?No, I do NOT agree, and I do NOT accept, that somebody is changing history, just
because he is too stupid to understand it.

> I notice that hams rarely will stand up for or stand against anything.As You may have noticed, I stand up for a democratic system practised in Germany
(and Switzerland, where I live).
And I stand up for one of the most important things, ham-radio stands for:
Bringing people together, whichever color they have and in whichever country
they live.

just think about it.

Best 73

Robert (HB9NBY)

3870. Re: Equipment from a silent key...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: egriffin@ctc.net
Message-ID: <4pkhfp$m3@news1.sunbelt.net>
Source record: 199682

Josh, just go ask......what could mean more to the family than for you
to tell them that owning your Elmer's equipment would be very special
to you?
73

GHVZ65D@prodigy.com (Joshua Adams) wrote:

>Salutations!

>I've been licensed as a technician class operator since April. It was my
>neighbor who first got me interested in amateur radio and convinced me to
>study for my license. Unfortunately, he died in December leaving his
>widow, and an adult daughter, both of whom I am acquianted with. I would
>very much like to buy his equipment from them, and was wondering how I
>could tastefully go about doing this?

>Thanks,
>Josh - N3XGR
>n3xgr@prodigy.com

3871. Re: Dual function HT aircraft.ham????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-1106961412030001@145.1.114.19>
Source record: 199683

In article <31BC7237.4BFF@microdes.com>, Dave Hand <dhand@microdes.com> wrote:

> 1. Does any one know of a commercial HT that is designed for aircraft
> and Ham use???
>
> 2. Does anyone know of a Ham radio that can do both (rx and TX) on
> aircraft freq. (Please, I dont want any of the psudo lawyer busy
> bodys giving me grief about type acceptance, I know its not, but as
> an emergency back up I'll take my chances~!)
>
> Thanks!
> Dave Hand WB4HYP
> dhand@microdes.com

Let me give you some idea why you do not find such a unit already on the market:

1. Build an RF power amplifier stage that is linear for AM and still 65%
efficient like Class C operation on FM.
2. If you succeed (the commercial folks have NOT), take that design and
build it to operate with no tuning from 108-148 MHz.
3. If you succeed, submit it for type-acceptance by the FCC and approval
by the FAA. Design mods for all hams who also HAVE to talk on their
local public safety frequencies up to 161 MHz!
4. If you succeed, find an antenna with reasonable VSWR and gain acceptable
to a ham over the entire frequency range.
5. Run a quick market survey to find out how many licensed hams are also
pilots who can afford to buy your radio.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3872. Re: WTD: FT-51r mods extended Tx?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-1106961440510001@145.1.114.19>
Source record: 199684

DAVE -
Please pardon me for forwarding a previously posted message. However, it
is a solution to your need and, according to the original poster, complies
with FCC Rules regarding FCC Type Acceptance.

In article <4p6q96$eok@madeline.INS.CWRU.Edu>, ia514@cleveland.Freenet.Edu
(Dave Bryndal) wrote:

> I am looking into buying a ft-51r and want to also use the radio
> for work and GMRS. A Tx mod in combination with the availible
> Rx mods would effectively eliminate 3 radios (scanner gmrs & work
> radio) as well as being my ham HT. So any one out there find the
> mods?
> 73 Dave
> --
> Dave Bryndal ============= Save the Chagrin Falls and Southern RR
> ia514@po.cwru.edu====================================
> dbryndal@gilmour.pvt.k12.oh.us=======================
> knuckle@railnet.nshore.com===========================

jbaltz@news.cs.columbia.edu (Jerry B. Altzman) wrote:

>In article <philkeys-0606960603040001@ptpm001.olympus.net>,
>Phil Keys <philkeys@olympus.net> wrote:
>>What's a good rugged dual-band HT for use in wilderness search and
>>rescue? Here are some conflicting requirements:
>[...]
>>Modifiable for public safety band transmit.
>
>What? You want to use a non-type-accepted radio in a service which requires
>type-acceptance? But that's illegal!
>
>Good luck finding a type-accepted public-safety-band radio with the ham bands
>on it too.
The Yaesu FTH-2070 is a Dual Band Type accepted radio that covers 2m
and 70cm WITHOUT modifications. (138-174 and 400-512)
Get the DTMF pad as an option....
Mike

.-. .-.
/ \ .-. .-. / \
/ \ / \ .-. _ .-. / \ / \
/--Mike Krueger KC6ZSF------/---\---/-\---/---\-----/---mikek@deltanet.com\
\ / \ / `-' `-' \ / \ /
\ / `-' `-' \ /
`-' `-'

--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3873. ic-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: mac@ul.ie
Message-ID: <mac.17.00119061@ul.ie>
Source record: 199685

I am wondering if anybody could give me an idea of the pro`s and con`s for the Icom IC-706.I am going to purchase a radio within the next 2 weeks and I am willing to spend ?1000.00 for a pretty good one and have thought about the Icom because of it`s coverage on the different bands.If any body had any comments I would be grateful,by the way I am licenced for 2 and 6 MTRs and hope to take the morse test after the summer.

Regards Robbie...EI8ESB..

3874. Info on Icom 706 Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: stevep@shell.portal.com
Message-ID: <4pkjfe$s92@jobe.shell.portal.com>
Source record: 199686
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

A friend of mine is planning an around-the-world trip in a light airplane. He intends to install an HF transceiver in his airplane primarily for use in the ham bands but also as an emergency backup for long range communication with air traffic control. The aircraft is a Cessna 172RG which has a 28 volt electrical system.

The requirements for this radio are that it be small, light, easy to use, work well in an aircraft installation, and above all else be tough and reliable -- he'll be a long way from the nearest service center.

My friend is seeking user reports on the Icom 706, with respect to the above factors. In addition, comparisons to similar Kenwood or Yaesu units would be helpful. If you have such information, we would appreciate it if you would send it to me via e-mail at the address below.

Thanks for your consideration.

Steve Philipson
WB2EUZ
stevep@shell.portal.com

3875. Re: Equipment from a silent key...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dsup25.Kp5@iglou.com>
Source record: 199687

By saying to them. I would very much like to honor Mr. xx by putting his station back on the air from my home while at the same time benefiting your family with a monatary reimbursment. Or simply put; I want to buy the dudes old junk. How much do you want?

Joshua Adams (GHVZ65D@prodigy.com) wrote:
: Salutations!

: I've been licensed as a technician class operator since April. It was my
: neighbor who first got me interested in amateur radio and convinced me to
: study for my license. Unfortunately, he died in December leaving his
: widow, and an adult daughter, both of whom I am acquianted with. I would
: very much like to buy his equipment from them, and was wondering how I
: could tastefully go about doing this?

: Thanks,
: Josh - N3XGR
: n3xgr@prodigy.com

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3876. Re: Equipment from a silent key...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4pkr5a$6nr@omnifest.uwm.edu>
Source record: 199688

I'd also make an effort to find out AND OFFER fair market value for the Silent Key's gear, if you really aren't just out to make a (pardon the expression) killing.

3877. Re: htx-202 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-1106961418270001@145.1.114.19>
Source record: 199689

In article <4pijkb$psf@sjx-ixn3.ix.netcom.com>, ben10@ix.netcom.com(BEN MILLS) wrote:

> Does anybody know if the htx-202 can be modified to operate outside the
> 2 meter band? I am a commercial radio technician and it would make a
> handy test instrument. Thanks for any help! Please e-mail me.

No, it cannot. The HTX-202 is an amateur radio transceiver, not a signal generator. It was specifically designed by Tandy to NOT be capable of out-of-band operation.
As a commercial radio technician, you should already know that it is illegal to operate any transmitter that is not type-accepted by the FCC on frequencies where type acceptance is required, which includes Parts 80, 90, and 95. There is no exception listed in the FCC rules for technicians with "a handy test instrument."
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3878. Mods for IC820 are any??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: mjappine@news.hit.fi
Message-ID: <4pkp79$o1v@perjantai.hit.fi>
Source record: 199690

Hi,

Is there any modifications for icoms ic-820 rig,
like extendet receiver coverage and also is it
capable to transmit outside hambands on 2m or 70cm
for MARS kind of activities?

Antero Jappinen Email mjappine@maanantai.hit.fi
Packet OH2LJH@OH2BAR.FIN.EU

3879. Ericssons c705 mods for 430MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: mjappine@news.hit.fi
Message-ID: <4pkpcd$o1v@perjantai.hit.fi>
Source record: 199691

Hi,

Do you might know modification instructions for ericssons c705
UHF-radio-set to modify it to 430MC hamband? It should be done
by changing software but.. 8)

Antero Jappinen Email mjappine@maanantai.hit.fi
Packet OH2LJH@OH2BAR.FIN.EU

3880. Re: ICOM IC-2000H MODIFICATIONS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: ks4aw@mail.acadian.net
Message-ID: <4pkv24$dh3@pump.acadian.net>
Source record: 199692
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I own an IC-2000. What exactly does this mod do??????????????????

Joel B. Black, KS4AW

myers@West.Sun.COM (Dana Myers) wrote:

>In article <31BA2F45.728F@excaliber.com>, Bob Curci <bob@excaliber.com> wrote:
>>Tu and Bob Myers wrote:
>>>
>>> Will someone please tell me the source(s) for modifications to the
>>> IC-2000H?
>>
>>
>>Try Icom. They will give you all the mods your license can handle.

>Remove the front panel of the radio - this is done by removing the
>two allen head screws from the front panel and then pulling the
>front panel off. Look on the PCB behind the front panel for a
>single SMD diode near the 'W1' silkscreened on the PCB; remove this
>diode.

>Replace the front panel.

>Note that this mod can be made without removing the actual radio from
>the mounting bracket.

>--
> * Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
> * (310) 348-6043 | not be interpreted or represented as *
> * Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

3881. IC-2000 Modifications...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: ks4aw@mail.acadian.net
Message-ID: <4pkv67$dh3@pump.acadian.net>
Source record: 199693

Saw an article in this newsgroup describing a mod for the IC-2000.
The article doesn't state what the mod allows for. Any answers?

Joel B. Black, KS4AW

3882. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: egroen@inter.nl.net
Message-ID: <DsuHHs.Htl@inter.NL.net>
Source record: 199694
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

wermusic@initco.net (WERMUSIC) wrote:

>Burt Fisher <k1oik@ccsnet.com> wrote:
>>>> I refuse to respond to German "CQs" because I feel the
>>mindset of Germans even today would allow a repeat of the holocaust if
>>the only could find another Hitler. [snip] but there are too many Germans just
>>waiting to finish what Hitler started.

Please come back to earth..... I don't know if you've ever been to
Germany but I think there are much more NAZI's in the USA and they are
allowed to carry heavy arms.Nazi propaganda is forbidden in most of
europe and in Germany for sure.

To say "the Holocaust didn't happen" makes you go to jail in Germany
so they know what happend, but I wonder if you do.

I don't like socialists because those governments spend too much money
but to say all socialists are fasists makes really no sense at all.

Remember you live in a FREE country unfortunately with a president
that can act as dictator..... I think Germany and Dutch governments
are much more democratic than the US will ever have.

What is a country that prevents CB users to speak with other
countries?

Enno

3883. Kenwood TH-215a/e - need instruction manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Cameron Mitchell <CMitchell@uh.edu>
Message-ID: <31BDE8FE.604B@uh.edu>
Source record: 199695

I misplaced my instruction manual for TH-215 and would like to get a copy. Please email. Thanks.

Cameron

3884. T22A extended receive

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Jonathan Kohn <leajen@paonline.com>
Message-ID: <31BE31F5.72B8@paonline.com>
Source record: 199696

Procedure to extend Icom T22A ht receive capabilities and ALSO to input frequence using all 6 digits:

Turn off radio.
Press and hold the B{MR} and {^}{scan up}.
Turn on the radion and continue to hold these buttons for 5 seconds before you release them.
Now go into the set mode {FUNC+(8)} and look for the new function called 1 PLACE.
Adjust the main tuning knob until you see 100 PLACE and press the clear {VFO} button.
Now the radio will have wide receive including aricraft and 6 digit direct entry.

3885. Re: IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Les Butler <lsbutler@cris.com>
Message-ID: <31BE07BA.4FBE@cris.com>
Source record: 199697

Rob Curtis wrote:
>
> I have read a few post regarding the programming kit for the ft-50r but
> HRO says it hasn't been released yet. What gives? Anyone?
>
> Also, I would liek to hear from folks who have a curios ticking on the rx
> end in 153.xxx range. My radio will tick as it scans, but not stop the
> scan or open the squelch completely. Is it picking up a weak signal or
> something? It is happening mostly on a local police dep. channel. Would
> the CTCSS tone keypad cure the problem, assuming I used the PD's pl tone..
> ?
>
> One more note. In general, thanks to everyone that has posted or replied
> as I try and get a handle on all this radio stuff. I've learned quite a
> bit with your help!
>
> -Cheers
> Rob.
> -
> Rob Curtis
> Staff Photographer- Sun-Journal/Sunday, Lewiston, ME.
> FBUL85A@prodigy.com

Rob,

It is out, I got the upgrade from RT Systems (Who writes the software)
at the Dayton Swap. Jump over to my webpage and write Tom (The
programmer) a note.

http://www.cris.com/~lsbutler

Look at the Amateur page link towards the bottom

Les

3886. Schematic for 6m Mirage Amp Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: kb4cvl@aol.com
Message-ID: <4pkloi$n8s@newsbf02.news.aol.com>
Source record: 199698

I have an older (black case) Mirage/KLM 6 M amp, which alows 4 watts in
for 60 watts out (I think). There are a couple of components that look
like they got a little "hot" and it don't work. Would really appreciate
some help with this little guy. Call Mike, 703-791-8280 or leave E-Mail.
Thanks!
rec.radio.swap

3887. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31BDD871.3560@ccsnet.com>
Source record: 199699
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

WERMUSIC wrote:

> Let's see - by that line of thinking it should logically follow that
> YOU don't (shouldn't) talk to any American (Anglo) persons because of
> what they did to BLACKS and the NATIVE AMERICANS - on this continent,

Whites killed 6 million blacks and Indians?
And tortured them too?

> GEE, BURT, - It would seem that you have NO ONE to TALK to but
> YOURSELF. - It SEEMS you are the ONLY PERSON LISTENING to you,
> anyway.

Looks like my message stirred quite an intelligent debate.
And even the hams sound like they are thinking.

> Please don't attempt to defend your racism and biggotry... it doesn't
> become you.

Where do you see racism and biggotry? Where 6 million Jews not
killed by Germans?

> (and don't let my sig line throw you off... sure the person quoted is
> "FRANZ"... but I am a "SMITH" (ahhhggggh - watch out Burt, we're
> everywhere, we're everywhere)

You know where I live and know where I work.
You want to hit me? Or gas me?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

3888. Long John Ant

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Mark Thistlethwaite <kd5ri@cftnet.com>
Message-ID: <31BE40E7.2AD7@cftnet.com>
Source record: 199700

I recently acquired a 11mtr Long John Beam new in the box but without the setup instructions. It appears to be missing the matching network. I am looking for the book roe it and will gladly pay copping coasts. It should make a good 10mtr ant. Pleas e-mail me at kd5ri@cftnet.com Thanks in advance.
de KD5RI Mark in Tampa, FL

3889. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Siegfried Rambaum <siram@light.lightlink.com>
Message-ID: <Pine.SUN.3.91.960611213633.7472D-100000@light.lightlink.com>
Source record: 199701
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher wrote:
>
> the holocaust to take place. The author shows the ingrained deep hatred
> for Jews that Germans had for Jews before Hitler came to power and that

Just a few facts, and I wonder, if you could figure out the WHY..

(1) Did you ever notice, that most people of the jewish faith have uniquevocal GERMAN names? Did you ever waste a thought, why that may be this way? Rosenzweig, Goldstein, Goldhagen ... all these names make sense, when you look them up in a German->English dictionary.

How comes, that just those surnames, that are deemed "to be jewish names" are actually German names?

How can that be, if "the ingrained deep hatred for Jews that Germans had for Jews before Hitler" were fact and not fiction?

Wanna know the answer?

The answer is, that Germany before those dark 12 years had been among the most tolerant and most liberal countries in this world. People persecuted in other countries for their political and/or religious beliefs not only went to America, more often than that they went to Germany.

(2) Germans understand Yiddish, the majority of jewish people understand German..... How comes?

The answer is:

Yiddish is just a German dialect, though quite a number of jewish non-Germans possibly might see it differently. But then "Yiddish" derives from "Juedisch", which is German for "Jewish"...

(3) After the spook of Nazidom had ended, a considerable number of Germans, who fled Germany for their jewish faith, returned to Germany. Why would they return to the country of deeply ingrained hatred against them???

Do you know the answer?

Germans they were before those twelve years, Germans they remained in their hearts even abroad. They simply loved their country Germany, though for you, Burt, "being German" and "being Jewish" might seem to be in opposition to each other,...

But then, it is just a fiction created by the Nazis, and carried on
by potential Nazis like you. With the mindset that you display, Burt,
you would have fitted the Nazi requirements exactly. "I was told so"

"German" is a nationality and an ethnic background.
"Jew" is a reference to a religious creed.

In World War I, lutheran Germans, catholic Germans and jewish Germans
fought and died side by side in the war fields of Flanders and around
Verdun. And nobody gave a damn about their religious beliefs. They all
fought as Germans. Period.

Putting "German" and "Jewish" into opposition,
is like claiming "American" and "Catholic" were in opposition....

> there was a widely held shared view that the the Jews ought to be
> eliminated in some way from German society. When Hitler, ultimately,

Widely held shared bull shampoo...

> > Of course those Germans NOT alive during World War II cannot be held
> > responsible. But I refuse to respond to German "CQs" because I feel the
> > mindset of Germans even today would allow a repeat of the holocaust if

The mindset you describe, Burt, is your own mindset. Unfortunately, it
has some blockheads of that mindset in Germany, too. But believe me,
they are just a minority like you are in the USA.

> > the only could find another Hitler. This was shown during the recent
> > Gulf war when Germany was the one selling weapons and materials to make
> > poison gas to Iraq....

(a) It was not the German government, but criminal personalities in some
German companies.
(b) It did not happen during the Gulf War, but before
(c) Iraq had no weapons that were sold to it by the GErman government.
Actually it had nofunctioning GErman weapons at all, neither legally
sold one nor illegally sold ones.
(d) Iraq sported quite an arsenal of American weapon, given to it free
by the U. S. Government earlier, when the fear of Mullahs prevailed
in Washington and led to a total misperception of who Saddam Hussein
might be.
(e) The crooks in Germany were prosecuted and serve jail terms.
(f) Any idea, what happened to the crooks in Washington?

> > Surely there are some caring decent German people that would resist

There had been some. I would want you to visit the Dachau concentration
camp near Munich, and please, take an interpreter along with you. There
were Germans, who resisted in the bureaucracy, who dared investigate and
initiate prosecution of the Nazi murders ... and who in turn were murdered
for thei civil courage, too.

> > another Hitler and another holocaust but there are too many Germans just
> > waiting to finish what Hitler started....

What is your imbecillence quotient?

Siegfried Rambaum
KB2YVC + DE8FGO

PS: Before you reply, please THINK

3890. FS: Yaesu FT-51RH Dual Band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: craigivey@aol.com
Message-ID: <4pl55l$3cg@newsbf02.news.aol.com>
Source record: 199702

For sale:

Yaesu FT-51RH Dual Band HT

5 Watts (both bands)
NiCad battery pack, AC charger
Rubber ducky ant.
Full featured: 4 VFO's, cross-band repeat, DTMF Paging, scanning, batt.
voltage meter, CTCSS, etc.
RX 110-180 and 420-470 Mhz

Like new condition; I have only used it about 10 hours. Never has been
dropped or hit.

$450.00 (includes shipping)

CraigIvey@aol.com

3891. Re: HEATHKIT Two'er ...Manual and Mic WANTED!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31BE2147.4A75@southwind.net>
Source record: 199703

Robert Ross wrote:
>
> Hello:
>
> I am looking to purchase an original manual and microphone for the Heathkit
> Two'er 2 mtr. Rig. I will take a copy of the manual..if no original is
> available. Please Email me direct if you can help me get this neat little rig
> back on the air!!!
>
> Thanks...73...ROB.

"Two'er"? Would that be anything like the 2036?
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

3892. Re: Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: timh@xetron.com
Message-ID: <DsuM90.Hu0@xetron.com>
Source record: 199704

Check for TX 8Volts. If it is flakey, then clean the relay.
If the TX8 is solid, then replace the VCO on the PLL unit.

In article <31bb070a.10340894@news.gate.net>, blackie@gate.net says...
>
>I have an old Yaesu FT-227R 2 meter rig which quit working a couple of
>years ago. The problem is that when you transmit, the led display
>goes blank, and nothing happens. One thing that I did notice before
>it quit transmitting all together is that the power output was slowly
>diminishing. Seems like it put out very little power even in the high
>power mode (10W).
>
>My question is this rig worth fixing? I have thought about sending it
>to Yaesu to get fixed, but I really don't want to spend more than $100
>to get the job done. If it is more than that I may just get a new
>second hand rig from someone.
>
>Has anybody out there experienced this, and is it a problem that is
>fairly inexpensive to fix?

--
Timothy W. Huster
http://www.xetron.com/~timh timh@xetron.com
kb8bnk@kc8tw.#cin.oh.usa.na
"...and Dad! I'm not an Old Guy, cuz my skin is smooth. Not all Wrinkley!"
Andrew H. age 4

3893. FT-50 scan question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: kjsmith@violin.aix.calpoly.edu
Message-ID: <4plo7o$1nuh@violin.aix.calpoly.edu>
Source record: 199705

I'm itching to buy one of these things, but still have a few questions...

1) I want to scan a mix of VHF and UHF frequencies. Will it scan both,
not mattering what band the channel is in? I'm hoping for regular
"scanner" type scanning.

2) I want to check a UHF channel for activity very regularly while
scanning. Is the priority (or whatever Yaesu calls it) fast enough
to prevent me from missing calls? (I'm used to Motorola's which
sample 1-2 times per second or faster)

3) While scanning, I want to be able to hit PTT on the radio (or speaker
mic) and have it always default to a particular channel (eg: my UHF
priority channel). Will the radio do this?

4) What's the story with the FTT-12 keypad kit and DVRS? Is this a simple
addition? Does anyone know if Yaesu will be selling the radio in a
model pre-configured with DVRS? It seems silly to buy the radio, and
then buy a $64 keypad upgrade, rather than just saving money at the
outset and getting the keypad I want.

5) Is anyone making aftermarket batteries for this thing yet? I checked
Periphex, and I don't see anything. I hate buying OEM batteries, as
they're always less capacity for more money.

6) Anyone know if there is a soft case for the larger batteries? I'd
shine NiCads and use the AA case, but I want a full 5w of output power.

7) Does the mic adapter allow me to use older speaker-mics with the radio?
It's described as a two-pin to one-pin adapter, so I'm assuming it makes
the multi-connector Yaesu plug into a separate ear and mic jack
(hopefully so I can use my Icom 02 series headsets/speaker-mics).
Has anyone attempted to get just the 4 conductor plug with cord (ie:
speaker-mic replacement cord) from Yaesu parts?

8) Are the 112 memory channels "true" memory channels, or does this include
things like call channels, scratchpad, search limits, etc?

Also, anything specifically you don't like about this radio?

Lots of info that Yaesu doesn't provide on their web site or in the
brochure. Any help would be appreciated!
--
Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

3894. ICOM IC-Z1A Recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: david_k@simusa.sim.ORG
Message-ID: <199606131316.JAA28326@news.interpath.net>
Source record: 199706

Does anyone know of where I can find information about the ICOM IC-Z1A? A review article would be very nice. Actually, if anyone knows of a web site/search engine where I can find reviews on all sorts of HT's, I would really appreciate your telling me.

Or if you have personal/second hand experience with the radio, can you tell me what you like/dislike about it? What about modifications? What about extended receive?

Thank you in advance.

-- David Keller (david_k@simusa.sim.org)
-- KF4JDL
--//
-- David A. Keller Work: david_k@simusa.org
-- SIM USA, Inc. 704.587.1462
-- Box 7900 Home: kellermd@aol.com
-- Charlotte NC 28241.7900 KF4JDL
-- By Prayer Since 1893
--//

3895. Re: I support the LEO and the loss of ham frequencies. - signatur.pce (0/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: jhawk@jax-inter.net
Message-ID: <4pieab$nli@news0-alterdial.uu.net>
Source record: 199790
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>Alex Evonosky wrote:

>> what kind of HAM are you? That is no way of supporting Amateur
>> Radio!! I'm 26 and been a ham sine 13. I've seen hams help disaster
>> agencies,etc....You should resign your call and don't even think you
>> were an Amatuer Radio operator! I could not beleive I read this JOKE!
>> alex

>Is "Amatuer" like amateur?
>Is "beleive" like believe?

>
>#===============#===#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | If you sit on the fence, it is a pain in the butt |
>#===============#===#
>| k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
>#===#

>There are those that the following applies:
>Why is it that if you disagree with what I have to say, you feel
>compelled to call my employer? Do it if you must but you better be good
>at it. If you do not kill the king, the king will kill you.

I believe the sentiment of most falls in line with the old expression
"It's the way it's always been - I don't wanna change!"

Eventually, although regrettably, I also feel that hams will feel the
pinch of technology sueeezing them ever higher in search of usable
spectrum. However, I also feel that existing spectrum resources can
be more efficiently utilized by projects such as LEO.

-Jay Boyer N4RLL

3896. Re: Help-ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: gbe@enteract.com
Message-ID: <gbe-1006962018330001@dialin_9.enteract.com>
Source record: 199791

In article <31BB41D7.52F8@pacbell.net>, "Kenneth I. Rotker"
<kir@pacbell.net> wrote:

> I just bought a new Z1A & I ran into a programming anomaly that has me
> baffled. When I'm programming a repeater into memory or just using the
> VFO and I turn on the tone encoder by pushing FUNC & then T/TSQL, I can
> no longer hear any noise when I open the squelch. When I turn off the
> tone encoder the squelch operates normally.

TSQL= tone squelch (a subaudible tone is required to open the squelch in
receive)
T= tone encode(the subaudible tone that is required when you transmit to
open the squelch on the repeater receiver.
If you push FUNCTION,then TSQL you will notice that the small display
changes from T,TSQL....T.....blank...T,TSQL etc. Sounds like you want to
set it for "T" so that it will be encode only.

Also, when I key-up a
> repeater on some(not all) of my memory stations (with the tone encoder
> activated), I can't hear the repeater come up & then shut down although
> I can see the receive light light up and the S-meter indicates proper
> reception of the signal.
>
This is normal if you improperly set your radio for TSQL. The LIGHT would
be on because it sensed a signal but would not pass audio because it did
not contain the PL tone or subaudible tone to allow audio to pass. Again
set yo radio for "T" or blank in the case of a carrier access repeater.

73, Greg, WA9GYI
> If anybody has knowledge of what's causing this problem, I'd appreciate
> your input. I realize this situation may not be a "problem" at all but
> rather a normal situation with this rig; however, the manual doesn't
> mention this at all.
>
> 73,
> Ken, W4OFE

3897. htx-202 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: ben10@ix.netcom.com
Message-ID: <4pijkb$psf@sjx-ixn3.ix.netcom.com>
Source record: 199792

Does anybody know if the htx-202 can be modified to operate outside the 2 meter band? I am a commercial radio technician and it would make a handy test instrument. Thanks for any help! Please e-mail me.

3898. Re: Help-ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <4pilf0$o6b@ralph.vnet.net>
Source record: 199793

"Kenneth I. Rotker" <kir@pacbell.net> wrote:

>I just bought a new Z1A & I ran into a programming anomaly that has me
>baffled. When I'm programming a repeater into memory or just using the
>VFO and I turn on the tone encoder by pushing FUNC & then T/TSQL, I can
>no longer hear any noise when I open the squelch. When I turn off the
>tone encoder the squelch operates normally. Also, when I key-up a
>repeater on some(not all) of my memory stations (with the tone encoder
>activated), I can't hear the repeater come up & then shut down although
>I can see the receive light light up and the S-meter indicates proper
>reception of the signal.

>If anybody has knowledge of what's causing this problem, I'd appreciate
>your input. I realize this situation may not be a "problem" at all but
>rather a normal situation with this rig; however, the manual doesn't
>mention this at all.

>73,
>Ken, W4OFE

Hi, Ken

Sounds like you might not be familiar with a subaudible tone DECODER. The Z1A has both an encoder and decoder. When you turn the ENCODER on (just a "T" showing in the display), the radio transmits a tone. When you have the DECODER turned on ("T SQL" showing in the display), the radio requires that the station you are listening to is sending subaudible tone (and the tone you've programmed the radio for) before the squelch will open and you'll hear anything. It also transmits the tone in that mode.

And when the radio is in "pocket beep" mode (T SQL))) in the display), it will ring like one of those new electronic phones when it hears a signal with the right tone.

Did that get it?

73,
Gary KN4AQ
Known Nationwide 4 Answering Questions

3899. standard C 508 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: bclongwell@delphi.com
Message-ID: <9606102230591.The_Win-D.bclongwell@delphi.com>
Source record: 199794

Yes,

I have a Standard C508A. 2M/440 xcv, plus 900 and 300Mhz rcv. It's small and cute. I've tried it on 2 meters, and it can get in to a repeater ~ 10miles away if you are in a clear spot. (Power is about 200mw). I've gotten a few miles on simplex.

The small size means features are accessable by multiple button pushing. I've learned a few, but there are many.

I like it because it's so small I can take it anywhere, and I don't need DTMF.

Brian
WB2DSH

3900. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: arden@teleport.com
Message-ID: <4pinpj$66d@nadine.teleport.com>
Source record: 199795
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

moritz@ipers1.e-technik.uni-stuttgart.de () wrote:

>:> Germany is still governed by socialists and despite the horror
>:>> of their history, they have not formed a constitution capable of
>:>> preventing such atrocities in the future.

>FYI: The socialist part of Germany was discontinued a few years ago.

I think you and WB3U are using equivocal terms in English. Unlike the German usage, in English, "Socialist" can and usually does refer to social democracy. This probably comes from the usage of the Fabian (social-democratic) society in England. When one is referring to a Marxist movement, one usually simply calls it "communist" or tacks on the appellation "Marxist" as in "Marxist Socialism." Thus, the demise of the DDR and the SED are irrelevant to the post above.

On the other hand, while the SPD (a "Socialist" party in English) certainly has a lot of power and is responsible for many German policies (the better ones IMHO), it is only the number two party at the moment and, contrary to what WB3U said does not "govern" Germany.

Furthermore, WB3U's idea of equating National Socialism with either Social democracy or Marxist Socialism is utterly laughable. While the original NSDAP (National Socialist German Worker's Party or Nazis) as founded by Anton Drexler had some elements of Socialism at the beginning and the Sturmabteilungen (SA or "Stormtroopers) were recruited from the working class with promises of a more equitable future, the fact remains that the NSDAP was the avowed enemy of social-democracy and Marxist socialism alike.

After the SA had served its purpose, it was disbanded and its leaders executed in the "Night of the Long Knives" on June 30th, 1934. The unions, bulwarks of socialism demanded that the NSDAP honor workers by making May, 1 (workers' day) a national holiday. Hitler agreed they forcibly disbanded the Unions the next day. Other seemingly socialist policies supported by the NSDAP such as the "Strength Through Joy" program, for which the Volkswagen was created, were only used in propaganda and never actually put into practice. Finally, National Socialism violates the cardinal principle of both democratic and Marxist Socialism, "the nationalization of the means of production." Under the NSDAP, the factories remained in private hands and made a profit. Thus, ironically, Marxists see Nazism as an extreme form of CAPITALISM! WB3U's post could have easily been posted by a Marxist as long as he did a simple "search and replace" exchanging "Capitalist" for "Socialist!"

>:>> For the present government to merely understand and admit that the genocide
>:>> committed by the Nazis was wrong will be of little comfort to
>:>> any future victims.

>:>I agree! But what would you have them do? Mass suicide?

>May be banning is from the civilized world and in particular the Internet
>would suffice for a start.

I found it highly amusing actually.

>following this thread in disgust, DL5UH

Arden Eby, BA, MA, European History KI7FG

****
Arden Eby
Internet: arden@teleport.com
Packet Radio: KI7FG@KA7AGH.OR.USA.NA
Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
****

3901. Need Siltronix 1011 transceiver.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4piqnh$t1e@coranto.ucs.mun.ca>
Source record: 199796

Wanted to buy a Siltronix 1011 Transceiver, May also be called a Swan 1011.

3902. WANT BATTERY 1567/U

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: wayne nowacki <waynen@mail.nidlink.com>
Message-ID: <4pivo0$ki9@faile.nidlink.com>
Source record: 199797

wanted lithium battery BA 1567/U or BA 5567/U

3903. IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: FBUL85A@prodigy.com
Message-ID: <4pj39u$h5s@usenetw1.news.prodigy.com>
Source record: 199798

I have read a few post regarding the programming kit for the ft-50r but HRO says it hasn't been released yet. What gives? Anyone?

Also, I would liek to hear from folks who have a curios ticking on the rx end in 153.xxx range. My radio will tick as it scans, but not stop the scan or open the squelch completely. Is it picking up a weak signal or something? It is happening mostly on a local police dep. channel. Would the CTCSS tone keypad cure the problem, assuming I used the PD's pl tone.. ?

One more note. In general, thanks to everyone that has posted or replied as I try and get a handle on all this radio stuff. I've learned quite a bit with your help!

-Cheers
Rob.
-
Rob Curtis
Staff Photographer- Sun-Journal/Sunday, Lewiston, ME.
FBUL85A@prodigy.com

3904. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4pj1jr$475@crash.microserve.net>
Source record: 199799
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

rs@ham.island.net wrote:
>jackl@pinetree.microserve.com (WB3U) writes:

>First, this conversation does not belong in an amateur
>radio newsgroup. Since, however, you have repeated your
>lies here yet again, deserve to be told publically that
>you ARE lying.

As you will discover if you persist in this debate, saying it
and proving it are two very different things.

>If this is the stupid taxation is theft argument, then
>every democratic government in the world that imposes taxes,
>including the USA, must have a fascist government.

This seems to be a reiteration of what I've been saying.
Unless you agree with me, you should consider rephrasing
your statement.

>> As to the new parties, they are related to the old by
>> their continued inability to divest themselves of the
>> aforementioned characteristic.

>Socialist goverments use exactly the same laws as every
>other form of government to make people pay taxes, etc.

Are you saying that because many governments do this, it
must be morally correct?

>> Ultimately, all socialists are fascist and all fascists are
>> socialist. The distinction between the two is solely a
>> matter of perception.

>This is just plain wrong. I don't know whether from
>ignorance or design, but socialism is NOT fascism.
>It's not a matter of perception, it's a matter of fact.
>Socialism, if anything, is the opposite of fascism.

Nyet, Robert.

Socialism and fascism both subjugate individual rights to
the state. They both replace those rights with limited
privelages. Both use force to subdue citizens who attempt
to exercise their rights in contradiction to the state's
claim that they don't exist. Both contend that the whole
is more important than the individual. Both operate on the
premise that the end justifies the means. Both steal from

those who own, and from those who earn.

I'm sure you can tell me which of these you disagree with?

>Equating socialists with nazis is a lie worthy of Joseph
>Goebbels himself.

You keep talking about lies, but you haven't presented
any logical basis for that claim.

>The Nazis are not, were not socialists, they were fascists
>who spent a good part of the thirties and forties murdering
>socialists whereever they could - like Spain, for example.

Socialists have no morals. Given the power, they'll murder
anyone in the name of the state, including other socialists.
Of course, some socialists only have the power to lie, cheat
and steal.

>Calling themselves National Socialists didn't make them
>socialists any more than Communist East Germany was Democratic
>because they called themselves the German Democratic Republic.

That's a good point. You realize that East Germany and the
Soviet Union were both socialist, right?

>There have been socialist goverments in Britain, Holland,
>Sweden, Australia, New Zealand, and many other countries.
>None of them have ever been accused of behaving like Nazis
>with the slightest credibility.

It is my considered opinion that overt acts of public mass
violence are not required in order to accurately describe a
government as fascist.

>As the son of a father who fought real Nazis while in the
>Dutch underground, and a mother whose family concealed a
>Jewish family in her attic in Utrecht for 2 years while the
>Nazis and their allies hunted for them - I and my family
>know what Nazis are, and the difference between them and
>socialists.

My family members also fought the Nazis, although their
acts don't compare with the courage of your parents. You
can believe me when I say that I have the utmost respect
and admiration for what your parents did.

Let me ask you a few questions, Robert.

1. At what point in the denial of individual rights by
government do you believe that socialism changes to
fascism?

2. Do you believe that violence is required to fulfill
the definition of fascism, and if so, how much?

3. Do you believe that democracy, in and of itself, prevents
fascism?

>You are either woefully ill-informed or a terrible liar.

Actually, I AM a terrible liar. I've never been any good at
it at all.

73,
Jack WB3U

3905. TS-430S Accesories wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: branson@southwind.net
Message-ID: <4pj779$6mu@opal.southwind.net>
Source record: 199800

```
I am looking for accesories for the ts-430s....
headphones...(hs-6 0r hs-5)
external speaker....(sp-430)
world clock....
fm module....
ssb filter...
tuner....(at-130)
```

3906. Icom 706 - help for white stick op pse

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: Dennis Freedman <Dennis@g3vsh.demon.co.uk>
Message-ID: <834477319snz@g3vsh.demon.co.uk>
Source record: 199801

Hi
I wonder if anyone has used the Icom 706 multi-mode 80-meter to 2-meter transcever without sight successfully? I know it should be possible with a speech synth through the computer interface, but I'd also like to know whether the rig can be used on its own (for mobile work) without help. My concern is the menus, as the frequency, mode and signal strength are given by the (optional) voice synthesiser.
Any comments or help on this or relevant software welcomed.

--
Dennis Freedman
Blind jazz musician and educator
(Work: City College Manchester (UK); tel.: (+44) (01) 61 957 1720;
Home: Amateur Radio Station G3VSH; tel.: (+44) (01) 706 82 3022).

3907. ic-706 NB adjustment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: bfurno@hunterlink.net.au
Message-ID: <4pj6ms$dn5@ghostgum.hunterlink.net.au>
Source record: 199802

I just installed my ic706 in my car and the noise blanker is next to usless does anyone have a fix for it or is there a adjustment that can be done to improve it???

thanks bill bfurno@hunterlink.net.au

3908. Looking For HR-2600 Transverter Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: daveb@buffnet.net
Message-ID: <4pjhva$5v0@buffnet2.buffnet.net>
Source record: 199803

Greetings,

QST published some info on the 2510 but I'm looking for 2600 stuff.
The QST article specifically stated the mods apply to the 2510 not the
2600. Purchased the unit second hand so I do not have any docs
(schematics) yet.

Thanks

Dave

3909. Comments on Yaesu FT-900

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: rogerjb@earthlink.net
Message-ID: <4pjndc$acs@ecuador.it.earthlink.net>
Source record: 199804

I am buying a radio for use on my power boat. I am considering the Yaesu FT-900AT, because 1) it has a detachable head, 2) it has an internal antenna tuner (the KW TS 50 does not)
; 3) from what I've understood, it doesn't have performance compromises as does the Icom 706.

I would very much appreciate comments on the FT900AT from any and all, and thoughts regarding the relative merits of small rigs in this class for use on a small (25 foot) cruiser. I was planning to use the radio in conjunction with the Spider multiband antenna.

Roger J. Buffington
AB6WR
USC Law School Class of '97

rogerjb@earthlink.net

"I want to die peacefully, in my sleep, like my grandfather.
Not screaming, and in terror, like his passengers."

3910. Re: Looking For HR-2600 Transverter Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: hduff@hcol.humberc.on.ca
Message-ID: <8344945419401@hcol.humberc.on.ca>
Source record: 199805

> Greetings,
>
> QST published some info on the 2510 but I'm looking for 2600 stuff.
> The QST article specifically stated the mods apply to the 2510 not the
> 2600. Purchased the unit second hand so I do not have any docs
> (schematics) yet.
>
> Thanks
> Dave

I didn't read the article but depending on the mods, the 2600 RF stage
is essentially the same as the 2510. I've owned and worked on both.
The controller board is a little different on the 2600 as it
incorporates programmable CTCSS encoding and has a different micro
that offers repeater split offset. I suspect the mods apply to the main
board which should be applicable to both models.

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

3911. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: "Tom C. Brown, Jr." <tbrown@TECLink.net>
Message-ID: <31BD0504.188B@TECLink.net>
Source record: 199806

<snip>

> L networks (falsely called Pi's by some manufacturers) handle much more
> power, but have a much more restricted matching range. There's just no
> free lunch in tuners.
>
> 73 Tom

Hi Tom-

Quite a fine post! It is indeed interesting to read the ad copy that talks all about how "brutally tough" all these tuners are, and then see the wimpy components in some of them.

I guess part of it is that I have seen and worked with genuinely heavy duty antenna matching components in the broadcast field.

I keep an MFJ 986 around for a quick matching solution when a situation pops up, but for normal operation on 80 and 160 meters I use home built, custom designed L-networks that are optimized for the partucular antenna I use on each of the two bands, and built using 10 KV + vacuum variables and Gates and Cardwell ribbon inductors. It is nice to be able to hit those networks with some power and not have to worry about a meltdown. <g>

I have seen the ads for the new MFJ 989C tuners that have the new air core roller inductor. Looks pretty good in the picture, but I have not seen one up close. Seems like it really ought to be an improvement.

Don't you think that some of these tuners oughta be in a bigger box? So that the inductor is not slapped up against the metal sides/top/bottom, like it is in the 949E (etc)? That's one thing I like about my L-networks: they are built open-frame style, on a wooden shelf. No metal around the inductors at all.

Thanks again for the good post on the T-networks. Well written.

73, Tom KJ5IE

3912. Re: standard C 508 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: "Tom C. Brown, Jr." <tbrown@TECLink.net>
Message-ID: <31BD058B.7AD4@TECLink.net>
Source record: 199807

Alan Jobst wrote:
>
> Hi!
>
> Does anyone have some experience with Standard 508 ?
>
> Alan

Great rig! Wouldn't let mine go. Its small size results in my carrying
it lots of times when I wouldn't take a bigger handheld.

I love the control logic. So much that I'm thinking about getting one
of their full size models.

73, Tom KJ5IE

3913. Re: htx-202 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: scederas@intercenter.net
Message-ID: <4pj148$1a1@galileo.intercenter.net>
Source record: 199808

There are ...I repeat..there are NO MODS FOR THE 202 !!! A
couple of years ago there were some boggus mods floating around
that resulted in the owner frying the cpu.

The 202 is HAM ONLY PERIOD !!!!!

Good luck.
In article <4pijkb$psf@sjx-ixn3.ix.netcom.com>,
ben10@ix.netcom.co says...
>
>Does anybody know if the htx-202 can be modified to operate
outside the
>2 meter band? I am a commercial radio technician and it would
make a
>handy test instrument. Thanks for any help! Please e-mail me.

3914. Re: ! June 96 CD-ROM Available !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: kc7gnm@primenet.com
Message-ID: <4pjfal$ho4@nnrp1.news.primenet.com>
Source record: 199809
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

rwilkins@ccnet.com (Bob Wilkins ~ n6fri) wrote:

>KC3TL (amsoft@epix.net) wrote:

>: QRZ added 32 New Programs in the June 1996 Issue
>: AmSoft added 108 New Programs in the June 1996 Issue

>Most of these programs are available here on the 'net.

Besides does amsoft have a callsign server online for free?

>: QRZ June 1996 has a corrupted file "tfhpn101.zip"
>: AmSoft tests all its files.

>Wow!

I guess this guy works for amsoft to know that for sure. Hell I don't
even test all my files that I get off the internet half the time.

>: QRZ June 1996 has published damaged data in the call sign data
>: Check out KC8CSF, KC8CYB,KF4GSM, & N3XGK on your QRZ!
>: These people were all born on 12/31/99? and got a ticket on 12/31/99??
>: AmSoft notified the FCC of these flaws on April 22. The FCC fixed them.
>: It may be a surprise to you, but SAM, BUCKMASTER, & AMSOFT all fixed
>: the call sign errors before publication this spring , QRZ did not....

>Four birthdays are wrong!! did you send them cards??

Wonder why he bought all four different CD roms if qrz is so bad?

3915. Re: Dual function HT aircraft.ham????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: jchapman@freenet.columbus.oh.us
Message-ID: <4pjrbd$gla@acme.freenet.columbus.oh.us>
Source record: 199810

Dave Hand (dhand@microdes.com) wrote:
: 1. Does any one know of a commercial HT that is designed for aircraft
: and Ham use???

2M = FM (well, most rigs anyway...)
Aviation = AM

Two different types of modulation

Nope, nobody has invested the time to produce a rig that will
automatically switch between both... Don't think they will either...

: 2. Does anyone know of a Ham radio that can do both (rx and TX) on
: aircraft freq. (Please, I dont want any of the psudo lawyer busy
: bodys giving me grief about type acceptance, I know its not, but as
: an emergency back up I'll take my chances~!)

Oooh... wouldn't dream of it! There are several 2M rigs that will RECEIVE
AM on the aircraft frequencies, that doesn't seem to be a problem.

: Thanks!
: Dave Hand WB4HYP
: dhand@microdes.com
73,
--
--*-*-*-*-*-*-*-*-*-*-*-*-
John Chapman WB8INY
Ohio Section ARES, District Emergency Coordinator, District 7
http://ourworld.compuserve.com/homepages/wb8iny (try it, you'll like it)

3916. Re: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: rogerjb@earthlink.net
Message-ID: <4pjmq0$acs@ecuador.it.earthlink.net>
Source record: 199811

In <31B9871F.2AE3@telis.org>, Rick Prather <rprather@telis.org> writes:
>How in world can the stupid internment of the Japanese by the U.S. Goverment be compared to the systematic
>execution of 6 million souls by the Nazi's. Sounds like pretty heavy denial.
>
>Rick
>KB9E
>
That's for sure. By the way, it was 10 million people, not six.

Roger J. Buffington
AB6WR
USC Law School Class of '97

rogerjb@earthlink.net

"I want to die peacefully, in my sleep, like my grandfather.
Not screaming, and in terror, like his passengers."

3917. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-11 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4pjotc$enf@newsbf02.news.aol.com>
Source record: 199812

In article <31BD0504.188B@TECLink.net>, "Tom C. Brown, Jr."
<tbrown@TECLink.net> writes:

Hi Tom
>
>I have seen the ads for the new MFJ 989C tuners that have the new air
>core roller inductor. Looks pretty good in the picture, but I have not
>seen one up close. Seems like it really ought to be an improvement.

I got the opportunity to measure one the other day. The Q was nearly
double the Q of the old OEP roller inductor that is the amateur industry
standard roller. Not only will it have 50% less heat under the same
conditions, it will dissipate heat better since it has free air
circulation.

>Don't you think that some of these tuners oughta be in a bigger box? So
>that the inductor is not slapped up against the metal sides/top/bottom,
>like it is in the 949E (etc)? That's one thing I like about my
>L-networks: they are built open-frame style, on a wooden shelf. No
>metal around the inductors at all.

That's a good idea. The sheetmetal kills a coil. I can't understand why
manufacturers jam coils up against the sheetmetal. Two coil diameters
would virtually divorce the coil from the chassis.

Sometimes shielding isn't important, sometimes it is. Someone being driven
nuts by RFI brought his whole station down here, he had an expensive $1000
"top of the line" tuner and an expensive TVI filter in the system.

Neither piece of equipment had the covers grounded correctly, both had
plastic washers and paint under the screws. I could light a 12 v light
bulb near the edge of the tuner case, and my RF sniffer went wild near the
TVI filter (BTW the $100+ TVI filter had almost no attenuation above 70
MHz, since it was made with toroids and wire lead disc caps).

Grounding the tuner case to it's chassis (the tuner needed more screws
added) reduced case radiation by almost 45 dB and cured the RFI ! The TVI
filter was simply thrown away.

73 Tom

3918. For Sale 6 Meter Lowpass Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: hark@access.mountain.net
Message-ID: <4plmcg$k64@news.mountain.net>
Source record: 199563
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

ICE Model 425. Six Meter Low Pass RF Filter. Perfect Condition. $20.00

Tom Hark KB8TAG
304-925-6651
email: hark@access.mountain.net

3919. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: arden@teleport.com
Message-ID: <4plkli$k7c@nadine.teleport.com>
Source record: 199564
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

jackl@pinetree.microserve.com (WB3U) wrote:

>With all due respect Arden, you've read much more into my
>posts than was intended. I have no desire to dissect the
>inane perversities of the various socialist sects, nor do
>I find such scrutiny necessary in order to accurately
>describe their members as thieves and extortionists.

Well if you define the term "socialism" as "perverse thieve and extortionists," then the Nazi's were certainly "socialists." However, please realize that this is a highly idiosyncratic definition.

Arden KI7FG

****
Arden Eby
Internet: arden@teleport.com
Packet Radio: KI7FG@KA7AGH.OR.USA.NA
Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
****

3920. Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4plk3k$f51@news.cais.com>
Source record: 199565
Cross-posted to:
alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Does anyone know if the RS frequency counter is any good? How does it compare to say, the Optoelectronics' Cub/Scout??? Tnx! David N4ZGT.

3921. p5o crystals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: luis velis <n3tuk@idsonline.com>
Message-ID: <4plj3d$ael@news2.cais.com>
Source record: 199566

Hello all

Does anyone know where can i get crystals for a motorola radius p50..?
I have 2 p50 that i would like to use in the ham bands..
Any info will be more than welcome

Best 73's

luis/n3tuk

3922. WTB:Kenwood TM-701

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: kj6ra@snowcrest.net
Message-ID: <4plj7f$shg@news.snowcrest.net>
Source record: 199567

I would like to purchase a dual band TM701. If you have one you would like to part with, please e-mail me with your price.

Rich kj6ra@snowcrest.net

3923. Re: htx-202 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: afn35036@afn.org
Message-ID: <31bd6c15.5121921@usenet.afn.org>
Source record: 199568

scederas@intercenter.net (Sam Cederas) wrote:

>There are ...I repeat..there are NO MODS FOR THE 202 !!! A
>couple of years ago there were some boggus mods floating around
>that resulted in the owner frying the cpu.
>
>The 202 is HAM ONLY PERIOD !!!!!

Actually, there is a mod to get extended receive on a HTX-202. What
you do is get a Yaesu FT-530, or another wideband transceiver, and
then duck tape it to the HTX-202. Voila! An HTX-202 with wideband
receive. :-)

>Good luck.
>In article <4pijkb$psf@sjx-ixn3.ix.netcom.com>,
>ben10@ix.netcom.co says...
>>
>>Does anybody know if the htx-202 can be modified to operate
>outside the
>>2 meter band? I am a commercial radio technician and it would
>make a
>>handy test instrument. Thanks for any help! Please e-mail me.
>

--
http://www.afn.org/~afn35036 (EL89tq)| "I have never really understood the
http://www.afn.org/~gars | rationale behind sports...which
http://www.afn.org/~quilters | all seem like exhausting new ways of
PGP pub key: finger afn35036@afn.org | getting injured while sweating." -LGW

3924. Re: Separation Cable for IC-7

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <960612053935126 28@saloon.bcbbs.net>
Source record: 199569

```
>e. Is this what Icom does typically? Is anyone else out there waiting for
>the
>ir cable?
```

I am. I e-mailed them and was told there was about a 1 month backlog.
That was about a month ago, so I expect to see my cable soon. At
least, I hope before summer is over.

 QMPro 1.53 I'd give my right arm to be ambidextrous..

3925. IC-Z1A - expanded rx ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: hcooper@vidiot2.corp.es.com
Message-ID: <4pmf7b$2hs@vidiot2.corp.es.com>
Source record: 199570

I friend of mine asked me to post a request on how to
get his IC-Z1A to get into expanded rx on VHF and UHF.
He isn't able to find it in the book (or is it not in
the book ?). Email to hcooper@corp.es.com

73's and thanks in advance

-Harrison

--
Harrison Cooper	email : hcooper@es.com
Hardware Design	Phone : 801-588-7929
Evans & Sutherland Computer Corp.	Radio : N7KST 147.04 R,
Salt Lake City, Utah 84158	1G617 Davis County ARES 147.42 S

3926. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: e9326256@stud1.tuwien.ac.at
Message-ID: <2025.6704T625T1520@stud1.tuwien.ac.at>
Source record: 199571
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

>The best selling book, "Hitler's Willing Executioners" by Daniel Jonah
>Goldhagen tells the story of how ordinary Germans (like hams) allowed
>the holocaust to take place. The author shows the ingrained deep hatred
>for Jews that Germans had for Jews before Hitler came to power and that
>there was a widely held shared view that the the Jews ought to be
>eliminated in some way from German society. When Hitler, ultimately,
>chose mass extermination as the only "final solution" he was thus easily
>able to enlist vast numbers of Germans to carry it out.

>Of course those Germans NOT alive during World War II cannot be held
>responsible. But I refuse to respond to German "CQs" because I feel the
>mindset of Germans even today would allow a repeat of the holocaust if
>the only could find another Hitler. This was shown during the recent
>Gulf war when Germany was the one selling weapons and materials to make
>poison gas to Iraq.

>Surely there are some caring decent German people that would resist
>another Hitler and another holocaust but there are too many Germans just
>waiting to finish what Hitler started.

>Is there anyone that agrees AND is willing to say so?
>I notice that hams rarely will stand up for or stand against anything.

IN MY OPINION - THAT WHAT YOU CALL "HOLOCAUST" CAN HAPPEN EVERWHERE -
BUT THE CIRCUMSTANCES OF THE REAL HOLOCAUST GENERATED THE WORST POSSIBLE
SCENERY..(IN GERMANY)
IN MANY CONTRIES, FASCISM IS COMMING UP - THIS CAN BE RELATED TO MANY
ACTUAL - PROBLEMS - ALSO THE NEW KIND OF POORNESS

YOUR TEXT CONTAINS MANY PREJUDICES - AND REFLECTS IN NO POSITION CURRENT
MOVEMENTS IN GERMANY -

IF I LOOK AT LEGAL (NAZI - or MOREPOWER(WEAPONS)FORTHEPEOPLE)-Organisations
in the U.S. - I`m very HAPPY, that there are no equivalent movements in
europe - (that I know)
I`m also very happy that none of my neighbours stores weapons in their
basement. 8-))

PLEASE DON`T POST SUCH SHIT HERE - PREJUDICES ONLY GENERATE OTHER
PREJUDICES

HOLOCAUST ALSO HAPPENED BECAUSE OF PREJUDICES

3927. SB102 manual wanted / HTX 212 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: dunderwd@blkbox.com
Message-ID: <4ploej$9fs@news.blkbox.com>
Source record: 199572

Anyone have a manual for a Heathkit SB102? Will pay copying / mailing costs. Also looking for any mods for the Rado Shack HTX 212.

All for a young ham who asked me to post a query on the group.

Thanks in advance -

73,

Dave WB5HJV

dunderwd@blkbox.com

3928. NEED-Manual Heathkit C-2 Cap Checker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: pikepole@aol.com
Message-ID: <4pmi75$fks@newsbf02.news.aol.com>
Source record: 199573

Need a manual or schametic for Heathkit C-2 capcitance checker.
Any help appreciated, 73 and thanks!

3929. Specs for Yaesu FT-901 Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: "J.A.B." <jamesb@clark.net>
Message-ID: <Pine.GSO.3.93.960612061258.8965F-100000@explorer2>
Source record: 199574

Anyone out there have the specs to the FT-901 Tuner by
Yaesu?

Or do you know WHERE I can get it?

Alex
de N4POE

James "Alex" Brooks Amiga 4000/040/28MHz 22MB RAM
Emplant Deluxe / MAC / DOS Imagine 3.0 (upgrading to 5.0)
Syquest 3.5" 270MB Bernoulli 90Pro
NEC 3xp Triple Speed CDROM Warp Engine 4028
Epson ES-600C Scanner E-Mail: jamesb@clark.net

Coming SOON: Lightwave 5.0 StandAlone for the Amiga platform! :-)

3930. Re: Separation Cable for IC-706 promised soon

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: raf@dwroll.att.com
Message-ID: <Dsv9tt.EMA@bigtop.dr.att.com>
Source record: 199575

From article <31BB8E5C.6859@oak.ait.fredonia.edu>, by John Hansen
<hansen@oak.ait.fredonia.edu>:
> wrote:
>>
>> I bought an IC-706 about the first week of April. I sent in my card, etc. to receive the
free separation cable a few days later. Since then
> I have heard noth
>>
>> David W7AQK
>
> I bought one at Dayton and haven't received the cable yet either. I
> guess I wasn't too surprised at this point given the number they sold
> there, but you message does have me a bit concerned.
>
> John Hansen WA0PTV

On 6/10 I spoke to Sharma at Icom in Washington state, and the cables are on
back order, should be in soon. (It took three phone calls to get an
answer on why I had not heard anything). The Suzanne Adamson referenced
in the ads no longer works for Icom, which probably increased the delays.

Richard Ferguson, KA0DXM

My opinions are my own, not those of my employer.

3931. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: rpo3352@omega.uta.edu
Message-ID: <4pn3o8$6af@utaipx02.uta.edu>
Source record: 199576
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Samuel R. DiSalvo (disalvo@ix.netcom.com) wrote:
: I guy that I work with is apparently having a problem with his Radio
: Shack HTX 202 HT. Sometimes when he keys up on it, he gets an error
: message <ER-2>. Is anyone familiar with this and what it might mean.
: It seams to do it after it has been off for a while and when it does,
: he has to reset the unit's CPU.
:
: Any info would be greatly appreciated
:
: 73
:
: KC8BQP - Sam
:
:

This is caused by excess RF getting into the radio and unlocking the PLL. It is most often encountered when operating off of 13.8V using a rubber ducky. Solution: Use an off-unit antenna when operating from automotive voltage. (Using an aftermarket 8-cell battery pack can also generate the conditions necessary for the error.)

PaulOpitz
RadioShack Publications

3932. Re: Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4pn1hr$i48@argentina.it.earthlink.net>
Source record: 199577

Robert Blumenkranz <radiobob@earthlink.net> wrote:
>>
>> Try cleaning or replacing relay RL101 on the main unit.
>>
>> WA3OFD
>Try resetting the CPU. The swithes to do this are
>under the battery pack. Be sure you follow the
>instructions for Gen or Ham coverage.
>Bob Ni6r

On a 227R????? There is no CPU...the radio is a simple synthesized
mobile....and has NO battery pack...

I dont understand where you got the idea it was

Chris
WB5ITT

FT227R owner since 1977

3933. Icom IC-706 Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: sandy.gm8svb@zetnet.co.uk
Message-ID: <4pn82b$5jl@roch.zetnet.co.uk>
Source record: 199578

Is this service manual out yet ?

3934. Yaesu FT11R DTMF transmit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: ajs@fc.hp.com
Message-ID: <4pn72n$5af@fcnews.fc.hp.com>
Source record: 199579

Is it just me, or did the makers of this otherwise fine radio actually program it to not transmit * and # while in phone memory mode? This seems pretty weird, inconvenient too, and different, say, than the older FT411. Can anyone confirm?

Please send me email (directly or a copy of what you post).

Thanks,
Alan Silverstein, N0MFW, ajs@fc.hp.com

3935. RF Concepts repair phone # needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <4pn51k$r04@dfw-ixnews4.ix.netcom.com>
Source record: 199580
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Hello and thanks for reading this..

I have a RF Concepts RFC 2-317 amp that I need to get some work done on.. The number I have for RF Concepts in Gilroy, Ca is no longer valid and information is unable to locate a listing. I would appreciate it if anyone with an RF Concepts Amp would kindly look in their manual for the companies phone number and post it here for me..

Thanks,
Don AE4BR

3936. hifi ssb net?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: fflynn@news.together.net
Message-ID: <4pn7g9$ltc@bristlecone.together.net>
Source record: 199581

When and where might we find the HIFI ssb net?
You gave no frequency or time (not in utc anyway),
haveing no idea where you are, a time in zulu and a frequency
would be most helpful.

The net sounds interesting, I would lile to listen in
or check in.

Thanks, 73

--
http://together.net/~fflynn
Francis Flynn, fflynn@together.net
ARS:KM1Z

3937. Questions about recieving and transmitting. Need Info!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: wes@prairienet.org
Message-ID: <4pn8hi$9bb@vixen.cso.uiuc.edu>
Source record: 199582

I have recently developed an interest in recieving and transmitting. The only problem I am having is that I don't have much background in the basic nature of radio. If you know of any books that might help me get started or maybe some information that might be usefull please send them to wes@prairienet.org.
I.E. A sine wave is converted to a radio wave how?
What is the difference between A.M. and F.M. Short wave?

Please if it only takes a minute of your time it could save me many times that in research.
Thank You!!!!!

3938. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: tumino@acsu.buffalo.edu
Message-ID: <4plmtq$1jv@azure.acsu.buffalo.edu>
Source record: 199583
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Just say no to the 6 m MFJ tuner....it has yet to tune a single thing for me

WB3U (jackl@pinetree.microserve.com) wrote:
: dcollin@connix.com (Dennis Collin) wrote:

: >For the same $$$, get a VCI300DLP (also sold under Tucker name) ...
: >MUCH better contruction, VERY much better appearance, and solid
: >performance. MFJ varies greatly due to (IMO) poor quality control.
: >I've determined never to own another piece of MFJ gear!

: Am I mistaken, or was there a post here recently also commenting
: on the poor quality of the Tucker tuners?

: 73,
: Jack WB3U

3939. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: Gerhard Amon <gerhard.amon@aut.alcatel.at>
Message-ID: <31BEFE5D.5D6@aut.alcatel.at>
Source record: 199584
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

First of all, I am really astonished to find such political topics
in these newsgroups!

Whatever you feel, ethically, politically or whatsoever:
don't blame people globally in that nasty way!

> The best selling book, "Hitler's Willing Executioners" by Daniel Jonah
> Goldhagen tells the story of how ordinary Germans (like hams) allowed
> the holocaust to take place.

Ordinary people like hams?
What does political practice, murder, slaughter have in common with
a hobby like amateur radio?
Do you have statistical material about the corelation of being engaged in
a certain hobby and the partizipation in crime?

> But I refuse to respond to German "CQs" because I feel the
> mindset of Germans even today would allow a repeat of the holocaust
> [mess stripped of]

Amateur radio is the only hobby to communicate freely, worldwide and personally!
Please bear in mind that most of the hams are thinking that way.
Political aspects, ethical discussions and moral disputes have nothing
in common with our hobby.
If you cannot handle that, you MUST refuse contacts with a lot of countries.
Would you think about chinese brutality when working Spratly?

> Surely there are some caring decent German people that would resist
> another Hitler and another holocaust but there are too many Germans just
> waiting to finish what Hitler started.

Why do you think so?
Only by reading a book?
Open your eyes, you are more than 50 years too late!

Gerhard Amon, Vienna, Autria
bus.: gerhard.amon@aut.alcatel.at
priv.: amon@ins.at

3940. Re: Improving IC706's stock mic audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: Jim Nance <jnance@one.net>
Message-ID: <31BF0C1D.28D8@one.net>
Source record: 199585

Steve I have set mine to a gain of 6 in the menu from the default 5 and
it has plenty of ALC action and have listened to the audio into another
receiver and see nothing wrong with the audio. My on the air reports
have been excellent with not one comment about bad audio. I simply don't
see what everyone is talking about concerning the audio!

73 de KE4WY

Steve Ellington wrote:
>
> In most cases, all one needs to do is get into the menu while in ssb mode
> and change Q4, the carrier freq down to about 0 or slightly below. This
> gives better low freq response.
>
> --
> Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3941. Re: FT-50 scan question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31BEB7FE.3094@hogsett.com>
Source record: 199586

Kirk James Smith wrote:

> 1) I want to scan a mix of VHF and UHF frequencies. Will it scan both,
> not mattering what band the channel is in? I'm hoping for regular
> "scanner" type scanning.

Yes. You get 100 memories that can hold any frequency. Unfortunately,
it doesn't separate them into banks so you have to scan all or nothing.

> 2) I want to check a UHF channel for activity very regularly while
> scanning. Is the priority (or whatever Yaesu calls it) fast enough
> to prevent me from missing calls? (I'm used to Motorola's which
> sample 1-2 times per second or faster)

The FT-50R supports something called "Dual Watch" which works similarly
to the "priority" function on scanners. However, I don't think it works
while scanning, only while listen to two frequencies.

> 3) While scanning, I want to be able to hit PTT on the radio (or speaker
> mic) and have it always default to a particular channel (eg: my UHF
> priority channel). Will the radio do this?

No. It will simply stop scanning.

> 4) What's the story with the FTT-12 keypad kit and DVRS? Is this a simple
> addition? Does anyone know if Yaesu will be selling the radio in a
> model pre-configured with DVRS? It seems silly to buy the radio, and
> then buy a $64 keypad upgrade, rather than just saving money at the
> outset and getting the keypad I want.

Yes, it's simple to add. I don't know about the other questions. The DVR
works great and you can split the 20 seconds up into two unequal parts if
you want. The VMPS in the manual does not work as described.

> 6) Anyone know if there is a soft case for the larger batteries? I'd
> shine NiCads and use the AA case, but I want a full 5w of output power.
>

The only "case" I've seen is a rubber thing that goes around the radio which
makes it easier to hold and protects it when it hits the ground. The AA case,
even though thick, doesn't support the full 5 watts output (according to the
manual). This is probably due to the available voltage.

> 7) Does the mic adapter allow me to use older speaker-mics with the radio?
> It's described as a two-pin to one-pin adapter, so I'm assuming it makes
> the multi-connector Yaesu plug into a separate ear and mic jack
> (hopefully so I can use my Icom 02 series headsets/speaker-mics).
> Has anyone attempted to get just the 4 conductor plug with cord (ie:

> speaker-mic replacement cord) from Yaesu parts?

The radio has a single jack for speaker/mic/data. It's a 4-conductor "phono"
style jack. I've heard of people who have tried to order a connnector and
haven't found a source. Yaesu makes an adaptor that lets you plug in
older Yaesu mics.

> 8) Are the 112 memory channels "true" memory channels, or does this include
> things like call channels, scratchpad, search limits, etc?

You're right. You get strictly 100 channels for regular memory slots.

> Also, anything specifically you don't like about this radio?

Some people don't like the dim-ness of the lit display. I haven't found it
to be a problem since it it's really dark, you'll have no problem seeing it.

I wish there was a way to turn off the beep that occurs when scanning stops on
a channel, but keep the beep for key presses.

Otherwise, this is the nicest piece of equipment I've ever owned.

> --
> Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
> kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
> http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

--
["That's just my opinion. I could be wrong" - Dennis Miller
[
[Jerry Hogsett N6CCM (home) jerry@hogsett.com
[POB 636 RWC CA 94064 (work) jhogs@micrografx.com
[(500)-G-HOGSETT http://www.hogsett.com

3942. FOR SALE: YAESU FT-727 WITH CHARGER

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: jheil@phoenix.net
Message-ID: <4plver$l1h@uhura.phoenix.net>
Source record: 199587

FOR SALE FOR SALE FOR SALE FOR SALE

I have a FT-727R handie talkie with battery and battery charger NC-15 for sale. I'll even throw in the PK-232 wires for the audio inputs. Make me an offer.
Jim

3943. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31BF32FB.2119@ccsnet.com>
Source record: 199588
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Siegfried Rambaum wrote:
>
> PS: Before you reply, please THINK

I did.
I thank you for your detailed response and found your points interesting.
Do I believe them? I do not know.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

3944. Kenwood TM-241A mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: ssouva@dreamscape.com
Message-ID: <31becb08.10196605@news.dreamscape.com>
Source record: 199589

Anyone know any mods for the Kenwood TM-241A monobander 2 meter rig?

Scott - KG2GT

3945. Cell Phone and GPS Expertise

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: jkolin@cloud9.net
Message-ID: <4pnjnr$srr@news.cloud9.net>
Source record: 199590

I'm looking for engineers that have much experience in Cell phone design
and GPS systems.

Please contact me.

Jay/ NE2Q
in New York

3946. Re: Opinions on KPC-3 vs PK-12

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31BF5A40.2781@pactitle.com>
Source record: 199591

Steve Peters wrote:
>
> Hi,
>
> I'm a current owner of an Original TAPR TNC-2 Clone with a VERY old ROM,
> roughly 5+ years old. Have been considering upgrading for a while.
> Everywhere I look on Packet around here I see folks running these two
> units, plus the PK88.
>
> I am looking for any opinions on either of these models. I don't really
> need 9600 yet, and am looking for a solid TNC, with the usual bells &
> whistles. Have considered doing APRS, but have an old non-NMEA compatible
> GPS, so that may have to wait.
>
> I've narrowed it down to the KPC-3 and PK-12 - any pluses/minuses?
> (I've heard that AEA has poor service.)
>
> Thanks for any thoughts you might have. E-Mail to the below address.
>
> 73s de N1TYE, Steve

I've had no problems with the KPC-3.... I've had it in use for a few
years..
be sure to get the 6.0 chip if you want to do APRS..
I got it for mine and works great. got my GPS interfaced with it.
73 de kc6wfs
http://www.geocities.com/Hollywood/5860
--
Dave Booth

3947. Re: Icom IC-706 Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: "William O. Reichert" <billnihh@apci.net>
Message-ID: <4pnfft$kml@queeg.apci.net>
Source record: 199592

I tried to order one about a week or ten days ago, was told they
were out of them and they were on back order

Bill, N9HH

3948. Special Event Station KC8BEB

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: MDJD40A@prodigy.com
Message-ID: <4pnb8i$eis@usenetw1.news.prodigy.com>
Source record: 199593

Special Event Station KC8BEB

Garden City Amateur Radio Clubs Special Event Station

The Special Event will be held during the weekend of June 15 & 16

From 1400 to 2000 UTC each day

Operating on SSB 7.225, 14.225, 21.330 and 28.380.

The station will be on the Greenfield Village grounds in Dearborn, Michigan.
This special event station is in conjunction with the 100 year anniversary of the automobile and the Motor Muster Road Rally. They will be making a
stop in the Detroit Area.

A Special Event Station Certificate that resembles a auto license plate with
the club's call sign will be available to those who wish to QSL with a SASE
9x12 envelope.

QSL TO:
GCARC
P.O. BOX 482
Garden City, Michigan 48136-0482

Thanks and best wishes.

Mark Schultz, N8TUO
Editor, GCARC
mdjd40a@prodigy.com
ab825@detroit.freenet.org

3949. Re: Questions about recieving and transmitting. Need Info!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dswrs3.A30@iglou.com>
Source record: 199594

Pay a visit to your local library. Check out a book on basic radio theory.
73

Josh Beck (wes@prairienet.org) wrote:

: I have recently developed an interest in recieving and transmitting. The
: only problem I am having is that I don't have much background in the
: basic nature of radio. If you know of any books that might help me get
: started or maybe some information that might be usefull please send them
: to wes@prairienet.org.
: I.E. A sine wave is converted to a radio wave how?
: What is the difference between A.M. and F.M. Short wave?
:
: Please if it only takes a minute of your time it could save me many times
: that in research.
: Thank You!!!!!

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3950. Re: Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: Chris Boone <cboone@earthlink.net>
Message-ID: <4pn1pe$i48@argentina.it.earthlink.net>
Source record: 199595

"Richard C. Mikulski" <richard@srvr.third-wave.com> wrote:
>blackie@gate.net (Blackie Lawless) wrote:
>>I have an old Yaesu FT-227R 2 meter rig which quit working a couple of
>>years ago. The problem is that when you transmit, the led display
>>goes blank, and nothing happens. One thing that I did notice before
>>it quit transmitting all together is that the power output was slowly
>>diminishing. Seems like it put out very little power even in the high
>>power mode (10W).
>>
>>Has anybody out there experienced this, and is it a problem that is
>>fairly inexpensive to fix?
>
>
>Try cleaning or replacing relay RL101 on the main unit.
>
>WA3OFD
>
That and also check for a cold solder joint around the 8V regulator
inside the the top cover on the right side of the chassis...this 8V
regulator supplies B+ to all stages of the rcvr and transmitter..on TX,
any high resistance will cause the 8V line to drop to a LOW voltage and
the PLL will unlock, causing the display to go out (thats the unlock
warning)....If the relay is high resistance on the 8v switch side, the
same condition occurs...on my 227R it was due to the 8V regulator though
being flexed too much and cracking the land on the bottom of the PC board
and led to a high resistance in the 8v ckt to the TX...

But I have seen the relay also cause problems.....

73
Chris
WB5ITT

FT227R owner since 1977 (and it still works!)

3951. ICOM IC-720A Control Program?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: "C. A. La Varre" <alavarre@amaranth.com>
Message-ID: <4pmldm$lt@news.amaranth.com>
Source record: 199596

I've done my homework with AltaVista, and can't find one.

Anyone know of a computer control program for the ICOM IC-720A?
Andy La Varre
Presented by Galahad
http://www.perdido.com/business/t&ce.html

3952. Re: standard C 508 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDsw52v.3sE@netcom.com>
Source record: 199597

In article <malman.834539719@labs-n.bbn.com> malman@bbn.com (Joel Malman) writes:
>
>
>> Great rig! Wouldn't let mine go. Its small size results in my carrying
>
>I assume you mean the C-508A...
>
>I have also had good results using the Comet SMA-3 antenna for reasonable

Or, of course, you can get the new (soon to be delivered) SMA version of
their "miracle baby" dummy load^H^H^H^H^H^H^H^H^H^H^H^Hducky antenna!

Dave

3953. Re: Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: ddeeds@aol.com
Message-ID: <4pnplm$172@newsbf02.news.aol.com>
Source record: 199598

The sensitivity is not anywhere near that of the Optoelectronics units. However if you are just looking for something to check the freq of a relatively high strength signal it's not bad for the money. You might want to wait a bit longer though, RS is going to have a replacement soon with better sensitivity and more features. My guess is they will drop the price to clear out the old ones. In case you're wondering how I know, I was one of the engineers on the first counter. Tandy pretty much closed down our group, but there are two engineers left and one of them was working on the replacement last I heard.

Regards,

Doug - KA8CTL

3954. Re: ICOM IC-2000H MODIFICATIONS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: mike.anderson@asacomp.com
Message-ID: <4pngut$78g@news.asacomp.com>
Source record: 199599
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4pkbg8$27b@abyss.West.Sun.COM>, myers@West.Sun.COM says...
>
>In article <31BA2F45.728F@excaliber.com>, Bob Curci <bob@excaliber.com>
wrote:
>>Tu and Bob Myers wrote:
>>>
>>> Will someone please tell me the source(s) for modifications to the
>>> IC-2000H?
>>
>>
>>Try Icom. They will give you all the mods your license can handle.
>
>
>Remove the front panel of the radio - this is done by removing the
>two allen head screws from the front panel and then pulling the
>front panel off. Look on the PCB behind the front panel for a
>single SMD diode near the 'W1' silkscreened on the PCB; remove this
>diode.
>
>Replace the front panel.
>
>Note that this mod can be made without removing the actual radio from
>the mounting bracket.
>

What does this mod DO? What additional capabilities will I have after
I make it? Thanks. Mike WA8JDW

3955. Re: ICOM IC-720A Control Program?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4pnbfu$ulh@coranto.ucs.mun.ca>
Source record: 199600

C. A. La Varre (alavarre@amaranth.com) wrote:
: I've done my homework with AltaVista, and can't find one.

: Anyone know of a computer control program for the ICOM IC-720A?
: Andy La Varre
: **Presented by Galahad**
: http://www.perdido.com/business/t&ce.html

I didn't think the IC-720A took a computer interface?

3956. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: alaska2053@aol.com
Message-ID: <4pnj2d$rhf@newsbf02.news.aol.com>
Source record: 199601

In article <19960608005720.aaaa000lN@babyblue.cs.yale.edu>,
nobody@mockingbird.alias.net (Anonymous) writes:

>The Rec.Radio.Amateur.* newsgroups are not the appropriate place
>for posting Wanted or For Sale ads. Use Rec.Radio.Swap.
>
>Thanks a million.
>
>Ham Burger
>
>

FOR SALE:

rohn hdbx40, 40' free standing tower. It has rotor plate and tube type
thrust bearing. Down on the ground, needs mounting section, reas. clean.
in lower CT./ Westchester co. NY. area. BEST OFFER.

Andy.
KA1SLG

3957. need info/tr-8400

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31BF43B7.41C6@pactitle.com>
Source record: 199602

HELP!!!!
I got a kenwood tr-8400 and need to install a pl. deck.
what i need to know is where the dev pot is in the radio...
help!!!!!!!!!!!

any info would be great!!!!!
thanks de kc6wfs....
booth@pactitle.com
http://www.geocities.com/Hollywood/5860
--
Dave Booth

3958. Re: Questions about recieving and transmitting. Need Info!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: rchappel@ix.netcom.com
Message-ID: <4pniin$c8o@dfw-ixnews5.ix.netcom.com>
Source record: 199603

>
> Questions about recieving and transmitting. Need Info!
>
> wes@prairienet.org (Josh Beck)
> 12 Jun 1996 20:15:46 GMT
> Prairienet
.. . . snipped . . .

If you know of any books that might help me get
> started or maybe some information that might be usefull please send
them
> to wes@prairienet.org.
.. . . snipped . . .
> Please if it only takes a minute of your time it could save me many
times
> that in research.
> Thank You!!!!!

Why don't you attack this thing just like the rest of us. Buy the text books from either American Radio Relay League (found in amatuer radio stores) or from W5YI (found in Radio Shack) study them and then find a friendly amatuer radio club in your local area that sponsors test sessions.

You can test all the way from "novice" to "extra" with comminsurate previleges granted and recognized from the FCC.

Just 'cause you buy the books and study doesn't mean that you are authorized to transmit!! Remember - you gatta' have a liscense.

Porky
KI0AS

3959. Re: Questions on first rig,

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: dcollin@connix.com
Message-ID: <4pnhov$4vl@comet.connix.com>
Source record: 199604

scott9@usa.pipeline.com(Charles Topiol) wrote:

>I haven't gotten my Novice licence yet but I am going to get my licence in
>the beginning of July (or end of June), and I am looking for transceiver's.

Good luck! With a little more effort you could try for Tech+ right
away ...

>I want something that will grow with my needs as I upgrade but "all-band"
>transceiver's are just too darn expensive!

Amen!

>I've seen 80-10mtr Transceiver's but they don't go down to 2mtrs and if I upgrade licences
>immediately I will have outgrown my rig.

I don't know your budget, but you could find a nice Kenwood TS520S for
$250 to $400 (depending on accessories) or a nice Yaesu FT101 in the
same ballpark ... for 2m, a simple HT will do in most areas, and are
available from $150 used ... HF antennas are just wire, and will cost
you less than $10 to build (and less than 30 minutes work!).

73 and good luck!

3960. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: sprouse@pgh.net
Message-ID: <4pnjd0$r7i@dropit.pgh.net>
Source record: 199605

> rpo3352@omega.uta.edu (Paul Opitz) writes:
> Samuel R. DiSalvo (disalvo@ix.netcom.com) wrote:
> : I guy that I work with is apparently having a problem with his Radio
> : Shack HTX 202 HT. Sometimes when he keys up on it, he gets an error
> : message <ER-2>. Is anyone familiar with this and what it might mean.
> : It seams to do it after it has been off for a while and when it does,
> : he has to reset the unit's CPU.
> :
> : Any info would be greatly appreciated
> :
> : 73
> :
> : KC8BQP - Sam
> :
> :
>
> This is caused by excess RF getting into the radio and unlocking the
> PLL. It is most often encountered when operating off of 13.8V using a
> rubber ducky. Solution: Use an off-unit antenna when operating from
> automotive voltage. (Using an aftermarket 8-cell battery pack can also
> generate the conditions necessary for the error.)
>
> PaulOpitz
> RadioShack Publications
>
>>>>

I have seen this problem with my 202 but only with the BP-84 battery pack and the rig in the high power mode. Has the Shack ever come up with a fix for this? Does it occur even in the curren production models? I like the HTX-202 enough that I would consider getting another one if my son gets his license. Good solid radio and I like the user interface a lot. But I would have to rethink that if Radio Shack is not at least trying to fix what is obviously a design error. It would be a shame if they let this flaw ruin what is otherwise an excellent hand held.

Ken Sprouse / N3IGW Oakmont, Pennsylvania e-mail sprouse@pgh.net
Member North Hills Amateur Radio Club
Repeaters on: 147.090 / 146.880 / 224.100 / 444.400 / 444.350 (Packet)
Smith & Wesson - The ultimate point and click user interface.

3961. Re: Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: bblavat@mailhost.net
Message-ID: <31bece8c.5122849@news.icanect.net>
Source record: 199606

>> I'm thinking about a Yaesu FT-50R. Any comparisons to better handhelds
>> within the price range?
>>

>I can't recommend the 50r. There have been WAY too many problems reported!

>IMHO your best value would be the Alinco DJ580t.

Is that true about the Yaesu FT-50R? I read here, the Icom T-7A was a good dual HT. I never had or knew anyone with good luck using Icom marine gear, five or six different units. If anyone could report on their HT, without the oversell of the advertising! Does any HT do full duplex? Can be used as a remote control for a mobile? Is meant to be used as a primary rig with a docking station for car and home use? I need input, waste part of this Sunday to tell about your HT. Thanks,
With good thoughts,
Ben Blavat, bblavat@icanect.net

3962. Major Wireless Price Reduction:

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: Jim Frichette <paktec@ix.netcom.com>
Message-ID: <31BF825A.3003@ix.netcom.com>
Source record: 199607
Cross-posted to:
comp.sys.palmtops,comp.sys.sequent,comp.sys.sun.admin,comp.sys.sgi.admin,comp.sys.convex,rec.radio.amateur.equipment

Major Wireless Price Reduction:

First truly wireless PDA wireless communicator devices. Paktec is ushering in a new era of advanced communications utilizing 21st century technology.

This includes the new Motorola ENVOY & MARCO wireless PDA's and introducing the revolutionary Personal Messenger wireless modem for your notebook/palmtop computer. These units represent the first truly wireless PDA communicators available on the market. The Ardis Network provides Internet E-mail addressing and E-mail contact to all major services including Compuserve, America Online, Prodigy and AT&T PersonaLink.

In addition to the world wide E-mail capabilities, the other features include messaging, wireless faxing, contact management, daily calendar, intra-corporate communications, time management, instant stock quotations, calculator, world time, shopping access, two PCMCIA slots for expansion and an eight hour battery. All Paktec-Wireless products include a ONE YEAR warranty and we provide a FREE Tech Support 800 number for your assistance.

For further information enter the Paktec-Wireless--

http://www.paktec-wireless.com

Visa & Mastercard accepted. Free 800 Tech Support and satisfaction guaranteed.

3963. boatanchors,how do i subscribe ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: milpanek@aol.com
Message-ID: <4po184$58u@newsbf02.news.aol.com>
Source record: 199608

i forgot how to subscribe to boatanchors. please advise.im sorry if this
is not the appropriate group for this question

3964. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: David Stansberry <davidsta@cannet.com>
Message-ID: <01bb58db.f16f35a0$1df612c7@das95sv>
Source record: 199609

> sprouse@pgh.net wrote in article <4pnjd0$r7i@dropit.pgh.net>...
> > rpo3352@omega.uta.edu (Paul Opitz) writes:
> > Samuel R. DiSalvo (disalvo@ix.netcom.com) wrote:
> > : I guy that I work with is apparently having a problem with his
Radio
> > : Shack HTX 202 HT. Sometimes when he keys up on it, he gets an
error
> > : message <ER-2>. Is anyone familiar with this and what it might
mean.
> > : It seams to do it after it has been off for a while and when it
does,
> > : he has to reset the unit's CPU.

Just checked my HTX202 for this error when using higher voltages and it
seems that the problem has been resolved. My HTX is about two weeks
old or I should say that I bought it about two weeks ago and is behaving
itself very well. The manual states that the er-2 is a PLL problem and
that
should be chacked out by a tech. Take that for all it's worth! 8-)

DAVE

3965. Equipment from a silent k

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: roland.stiner@hobbs.com
Message-ID: <8C264D5.002700441C.uuout@hobbs.com>
Source record: 199610

To: GHVZ65D@prodigy.com
Subject: Equipment from a silent key...

>I would
>very much like to buy his equipment from them, and was wondering how I
>could tastefully go about doing this?

Well, as politely as you can, just ask. They're probably ignorant on how
to sell the stuff and will probably be happy that you approached them.

OLX 1.53 ---------------> 73, de NK2U <-----------------

* Origin: CyberNet BBS Lyndhurst, NJ (1:2604/151)

......ooooo0OOOOo http://www.intac.com/~cono
___,-----.----+_________#_ The Roy Hobbs BBS cono@hobbs.com
|________| |__|___________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

3966. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: corrigad@televar.com
Message-ID: <4pl393$331@golden.ncw.net>
Source record: 199707

Just for your info: Kiwa Electronics has some 455Khz filters with an ultimate rejection of around 105 to 108 db. Shape factor is around 1.65. I have one that I put in my Icom 751 for an AM filter (4khz) and it sounds great!
My two cents worth....
-Dave KB7SVP

3967. Mods for Icom IC-2700H and Mods WWW Pages?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: ke3ok@netins.net
Message-ID: <31be1bf8.442216918@news.netins.net>
Source record: 199708

Hi,

Does anyone have the MARS mods for the Icom IC-2700H dual band mobile?

Also looking for some WWW pages with mods.

Thanks, Alan KE3OK@netins.net

3968. Re: Kenwood TS 440s To PC RS232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: pkahlert@directnet.net
Message-ID: <4plap4$bn9@ns4.directnet.net>
Source record: 199709

PAUL MULLINER <PAUL@mulliner.demon.co.uk> wrote:

>Hi
>Can anyone help? I'd like to find out info on the above. I'm wanting to
>build a home brew interface for the job. I have the info on Kenwood

Hi Paul,

I built one from a QST article. From a September 1991 article (And a
follow up in another issue (Maybe November 1991)). It doesn't look
pretty, but I never see it as it's behind the desk.

It was fairly easy to do, too...

73 de Paul, N9GXA

3969. Re: Auto Tuner, AT-11, Jan 95 QST

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: pkahlert@directnet.net
Message-ID: <4plb9p$bqe@ns4.directnet.net>
Source record: 199710

Robert <rcollins@edcen.ehhs.cmich.edu> wrote:

>Hello all,

>can the at-11 tuner be modified to work in the 6 meter band?? I would
>like it to work with an ICOM IC-706 that covers 160 thru 6 meters. Or
>better yet, will it work in the 6 meter band as originally designed.

Mine doesn't find a match on 160Mtrs. (Windom style dipole) which
I'm sure is the antenna's fault....After reading your message, I
wonder why it couldn't be used, but I'm no expert by far. And I don't
have any 6Mtr gear to try it out for ya....Sorry...

73 de Paul, N9GXA

3970. Re: standard C 508 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: malman@bbn.com
Message-ID: <malman.834539719@labs-n.bbn.com>
Source record: 199711

> Great rig! Wouldn't let mine go. Its small size results in my carrying
> it lots of times when I wouldn't take a bigger handheld.

I assume you mean the C-508A...

I own one also... The rig is most useful if you are near a repeater or use it for simplex over 2-3 miles (maybe 3-5 miles, depending on the terrain). Remember, this rig only puts out 250-280 milliwatts with two AA batteries.

I have used the rig as a backup rig for 2 meters. It was useful when my Kenwood was in the shop for repairs (does everyone have a Kenwood rig that has been returned to the Kenwood factory for repairs?).

For sure, the Standard supplied antenna should be trashed except for all of the shortest contacts anticipated. I have used the rig a lot for longer distance QSO's on 2 and 70cm with no problems, using an external (mag mount) antenna, 1/4 wave and or 5/8 wave antenna. Hams with beams should get even better results... remember it's only .25 watts!

I have also had good results using the Comet SMA-3 antenna for reasonable distance (i.e. to not to far) repeaters or simplex stations.

/joel wa1qvm concord, ma.

3971. For Sale: Kenwood TS-520 HF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-12 00:00:00 UTC
From: hark@access.mountain.net
Message-ID: <4plm4m$k64@news.mountain.net>
Source record: 199712
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Kenwood TS 520 Transceiver. 10 Through 80 Meters. Built in 100 Watt Power Supply. Yaesu Digital
Display. D104 Mike. New set of tubes. Front Audio Volumne Control has small place where paint has been
rubbed off. Otherwise in nice shape. Works fine. $425. plus freight .

Tom Hark, KB8TAG
304-925-6651
email: hark@access.mountain.net

3972. Re: Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31C09BE3.74F1@magic.itg.ti.com>
Source record: 199414

> >I am getting ready to buy an HF rig for mobile use but am a bit
>> confused
> >as to which one will offer the best usable features. Any one with
> >experience with one they liked particularly well would be appreciated.
> >Please e-mail me.
> >
> >73s
>
> Ah! You asked the RIGHT question... which rig offers the most USABLE
> features. My vote would be for the Alinco DX-70, which I own. It has
> all the things you NEED for casual HF operating in the car, and not so
> many silly bells 'n whistles. The Icom 706 is nice, but approximately
> $400 more expensive, and much more complex.
> 73 de KC5NG

Totally agree with Dean...the Alinco DX-70 is a fine mobile rig.
As an owner of an FT-890, an IC-706, and a DX-70, I believe the
combination of ergonomics, price, performance, and size put the
Alinco at the top of my list for MOBILE operation.

The 890 still wins as a fixed station compact rig, and the Icom
is nice due to the full 2M and 6M band coverage. But, the Alinco
is very nice when used mobile.

Here are the shortcomings of the Alinco in my opinion:

1. NO built in VSWR meter
2. No built in CW keyer

Otherwise, a superb rig with an exceptional receiver and great
CW and SSB transmit. I use mine as a travel rig too and it's
quite durable and light-weight.

73, Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China
ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

3973. Yaesu FT747GX trouble

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: dslosty@usa.pipeline.com
Message-ID: <4pog71$kch@news1.t1.usa.pipeline.com>
Source record: 199415

I've got a Yaesu FT747GX HF transceiver with a problem
that's been difficut for me to solve.

Periodically, on any or all modes, the relative RF output
meter will pin and the actual RF output will drop to near
zero - at least on the indicated frequency. It's very possible
that the radio is putting out wideband garbage when this happens.
By the time I get in to start 'scoping around, the symptom
disappears and the radio works fine. I often use the radio for
pactor communications, so when the symptom occurs, I loose
the link - very annoying.

Any ideas?

Doug/WA1TUT

3974. sb401 power connector

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Bill Rost <billrost@net.bluemoon.net>
Message-ID: <31C07D31.7BC0@net.bluemoon.net>
Source record: 199416

I am trying to help a friend who has a heathkit SB 401.
We need the schematic for the 9 pin power connector.
Any help would be greatly appreciated,

Thanks, Bill

3975. ft-51r mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: a71213@netrunner.net
Message-ID: <31c0814d.26701107@news.netrunner.net>
Source record: 199417

It was always believed the newer radios (post cell ban) were to be built without 800mgz. It has come to my attention lately, this might not be the case. I would be interested to get any information on the mods for the ft-51r. If any one could help me it would be appreciated.

3976. ft-51r mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: a71213@netrunner.net
Message-ID: <31c08810.28431915@news.netrunner.net>
Source record: 199418

It has come to my attention that mods for the ft-51r exist which surpass the ext. tx. I would be interested if any one who has experimented whith these could post them, I will do the same when I find some.

3977. Invitation Free FTP site available to host your work

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: ccadic@lenet.fr
Message-ID: <4pndtl$nv7@mordred.cc.jyu.fi>
Source record: 199611

Hi all.

We have designed a site dedicated to radio in general.
We own a FTP space of 100 Mo to host any kind of file.

If you have made a FAQ (In any language) that you would like to be
available to all internet users, we offer to host it freely.

This to start and build the most complete TXT site dedicated to radio
on the internet.

Conditions:

1 You FAQ or TXT (MODS, EXPLANATION OF A RADIO TOPIC,
EXPERIENCE....) must be YOUR writing
2 The texte must be signed and younger than 1995 (or its update)
3 You can add URLs to contact in your text. It'll be great if you can
add a link to our site in your WEB page.
4 Your text or faq should be ziped to gain place.
5 Your tex should be sent to: ccadic@lenet.fr via e-mail attachment
for control and installation onto our FTP site.

That's all.

Yours

Spiral'Web
The RADIO ORIENTATED WEB on the Internet
http://www.gen.com/spiralweb
http://www.gen.com/spiralweb/rciweb/
****
SHOCK WAVE
"THE" EUROPEAN COMMUNICATION MAGAZINE
Philippe Cadic
Manager of the publication
Po Box 523
37305 Joue Cedex
TEL: (+33) 47 53 41 40 - FAX: (+33) 47 53 51 02
****
FRANCE CB MAGAZINE
"LE" MAGAZINE NUMERO 1 DE LA RADIO
Philippe Cadic - Internet department manager
Le Lac
11130 SIGEAN
TEL: (+33) 68 48 23 73 - FAX: (+33) 68 48 54 48
****

http://www.gen.com/spiralweb
http://www.geocities.com/WalStreet/2413

pgp key at pgp@spiralweb.gen.com

3978. Re: Kenwood TH-215a/e - need instruction manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Cameron Mitchell <CMitchell@uh.edu>
Message-ID: <4pnv52$rg8@masala.cc.uh.edu>
Source record: 199612

I.e. please e-mail if you are willing to copy and send. Will reimburse,
of course. Thanks.

Cameron

3979. Re: Help with 2 to 4 wire tel. converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: peterg4@ibm.net
Message-ID: <4po042$13j6@news-s01.ny.us.ibm.net>
Source record: 199613
Cross-posted to: sci.electronics.design,rec.radio.swap,rec.radio.amateur.equipment

In <31BB825D.77CD@cc.curtin.edu.au>, Brett Stirk <sstirb@cc.curtin.edu.au> writes:
>Lee Woldanski wrote:
>>
>> I need to build a circuit that will do the following:
>>
>> Take a normal 2 wire tel line and convert it into transmit audio,
>> receive audio (basic 2 to 4 wire conversion), detect ring, and control
>> on and off hook.
>>
>> Basically I am looking for a telephone interface to be used with a
>> repeater controller.
>>

Why do you need 2 wire to 4 wire conversion; what kind of repeater
setup are you thinking of?

In so many cases you can totally ignore line eq and simply bridge
each side of the 4w right onto the 2w (watching impedances, of
course).

Will this cause a problem?

3980. KENWOOD R2000 FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: alpinestar@snow.com
Message-ID: <4pnne7$qn5@argentina.it.earthlink.net>
Source record: 199614

KENWOOD R2000 SHORT WAVE REC. FOR SALE 100KHZ TO 30MHZ ALL MODE
BEST OFFER

3981. FT-50R features that aren't.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4po0li$2n4o@mule1.mindspring.com>
Source record: 199615

I still like my FT-50R HT, but the list of features that do not work as advertised keeps growing.

1. Wide band FM is not really wide band for FM broadcast. Yes, I know that Yaesu now uses the term "standard" instead of wide, but the manual and their earlier ads clearly stated this mode was for FM broadcast reception, among other things.

2. Voice mail paging system (with the FTT-12 keypad) does not work as described in the manual. You can partition the memory and record a message for response in paging answer-back mode. However, the radio will play back the wrong partition. It seems like that if Yaesu's engineers in Japan tried this feature even ONCE, they would have seen it doesn't work. This is not a difficult bug to find.

3. The paging answer-back mode (whether using voice mail or not) does not answer if I speak for more than a couple of seconds after the page is sent. I would appreciate other comments on this if anyone has them.

NOTE: The guys in customer service for Yaesu in CA have been very nice, etc. They are in a tough position, I know. Anticipating one response to this post...I don't want a refund - I want the radio I bought to work as advertised. Why are there so many problems in this radio from a market leader? Thanks for letting me get this off my chest. :-)

3982. Re: p5o crystals

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Andy Brinkley <brinkley@ols.net>
Message-ID: <4pntk5$rjf@server2.ols.net>
Source record: 199616

luis velis <n3tuk@idsonline.com> wrote:
>Hello all
>
>Does anyone know where can i get crystals for a motorola radius p50..?
>I have 2 p50 that i would like to use in the ham bands..
>Any info will be more than welcome
>
>Best 73's
>
>luis/n3tuk
>
Try Bomar Crystal at 800-526-3935. I've had good luck with them.

Andy
N4ROX

3983. Re: Help-ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4pntcg$805@shore.shore.net>
Source record: 199617

"Kenneth I. Rotker" <kir@pacbell.net> wrote:

>I just bought a new Z1A & I ran into a programming anomaly that has me
>baffled. When I'm programming a repeater into memory or just using the
>VFO and I turn on the tone encoder by pushing FUNC & then T/TSQL, I can
>no longer hear any noise when I open the squelch. When I turn off the
>tone encoder the squelch operates normally. Also, when I key-up a
>repeater on some(not all) of my memory stations (with the tone encoder
>activated), I can't hear the repeater come up & then shut down although
>I can see the receive light light up and the S-meter indicates proper
>reception of the signal.

>If anybody has knowledge of what's causing this problem, I'd appreciate
>your input. I realize this situation may not be a "problem" at all but
>rather a normal situation with this rig; however, the manual doesn't
>mention this at all.

Sounds like you have the encoder confused with the decoder. When you
have only the T displayed the encoder is engaged and will work like
you are wanting it to. When you are displaying the TSQL you have the
decoder engaged and will only hear someone else's signal if they
transmit the correct PL tone.

==========
cheers! jim martin, wk1v
lowell, mass
http://www.shore.net/~jjmartin/jjm.htm

3984. Q: HT90/HT440 tuning

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: cn1135@abaco.coastalnet.com
Message-ID: <4pnvch$4he@treasure.coastalnet.com>
Source record: 199618

Anyone got the tuning procedure for ht90/HT440 after crystal
replacement?

Mark Prescott

3985. Re: Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: andyb@qni.com
Message-ID: <4po57i$7o5@suba01.suba.com>
Source record: 199619
Cross-posted to:
alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

fwhitehurst@ezdial.com (David Whitehurst) wrote:
> Does anyone know if the RS frequency counter is any good? How does it compare to say, the Optoelectronics' Cub/Scout??? Tnx! David N4ZGT.
>
The RS unit is simply a no frills frequency counter. For $100 it is OK. Mine works fine. It displays a frequency for the duration of the transmission. If you miss it, it is gone. The Scout is a top of the line "Oh-my-gawd" piece of equipment. It logs frequencies into memory, and keeps track of how many hits on each frequency. It can program certain radios (AR8000) and do other neat tricks. It costs more than $300 (I think.) Check out Opto's home page for better details.

Which one you want depends on your checkbook and what you want to do with it.

3986. Re: ic-706 NB adjustment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4po4vh$jp4@news.halcyon.com>
Source record: 199620

bfurno@hunterlink.net.au (bill furneaux) wrote:

>I just installed my ic706 in my car and the noise blanker is next to
>usless does anyone have a fix for it or is there a adjustment that can
>be done to improve it???

>thanks bill bfurno@hunterlink.net.au

In my truck, I installed champion truck plugs wthat have a high RFI rating, supposed to radiate less well they work my 706 is now real quiet. Also I have a 11,000 35 volt electrolytic cap attached to the alternator output and battery ground. I put a 15 amp fuse in series with the cap. Truck is entirely bonded with 5/8 inch copper braid, where I used a dremel tool and burnished off the paint, star washers between the bonding braid and body parts bonded, all bonding attached points are serviced regularly to keep rust away and treated with a no oxide compound. the work doing this pays off, no noise using a 706.

mobile in a 1986 S-15 GMC pickup.

Gary

3987. Re: Wanted Icom 706 transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4po42d$iid@news.halcyon.com>
Source record: 199621

Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com> wrote:

>tinneyr@concentric.net wrote:
>> I am looking to buy an Icom 706 with a serial number ofer 3200.
>> Please respond through email!
>> tinneyr@concentric.net
>> Bob, KD8LR

>Hi Bob, I assume your serial-number specific request is related
>to some circuitry changes after 3200. Could you enlighten me
>(and the other readers on rec.radio.amateur.equipment) if this
>is the case? I'm afraid I dont have a 706 for sale, but surely
>you'll find one. Just curious about the reason for a serial numbered
>request.

>thanks and regards,

>Joe
The reallity is there have been no changes to the IC-706 since it started production in September 1995. So looking for a special serial number will not matter. All the hoopla is someones perceived idea.

Gary

3988. Re: IC-T22a AM mod???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4po4bn$iid@news.halcyon.com>
Source record: 199622

Mike de KB9LPJ <imrikfam@win.bright.net> wrote:

>Hi.. Does anyone out there know how to activate the AM aircraft receive on
>an Icom IC-T22a?? It says in the magazine that with a simple keypad
>modification the AM aircraft can be received.. Maybe I'm mistaken.. Can
>anyone help me???

>Mike
>--
1. Turn off the radio.
2. press and Hold the B and # buttons while powering up the radio, continue to hold these 2 buttons for 5 seconds after you power up the radio, then release the buttons.
3. Go into the set mode and look for a new function " 1 PL " . Adjust the main tuning know until it reads " 100 PL ".
4. Press clear and have fun.

The B and # does a soft reset to the CPU allowing tuning and switching to the aircraft frequency range and receiver frontend and detector. The change to 100 PL allows for 6 digit direct frequency entry.

Gary

3989. Re: IC-Z1A - expanded rx ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4po56p$jp4@news.halcyon.com>
Source record: 199623

hcooper@vidiot2.corp.es.com (Harrison Cooper) wrote:

>I friend of mine asked me to post a request on how to
>get his IC-Z1A to get into expanded rx on VHF and UHF.
>He isn't able to find it in the book (or is it not in
>the book ?). Email to hcooper@corp.es.com

Turn off the radio.
press and hold the B and # buttons while powering up the radio, continue to
hold the buttons for 5 seconds after you power up the Z1A. Now look in the set
mode for a new function labled 1 PLACE, adjust both tuning knobs umntil you see
100 100
PLACE
in the display. You now have the open receiver with 6 digit direct entry.

Gary

3990. Re: Icom IC-706 Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4po58j$jp4@news.halcyon.com>
Source record: 199624

sandy.gm8svb@zetnet.co.uk (Alexander Duncan) wrote:

>Is this service manual out yet ?

It has been in print since January 1996. Last I knew ICOM America has them.

Gary

3991. Re: boatanchors,how do i subscribe ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: wx8l@vtc.tacom.army.mil
Message-ID: <4po74m$rk7@vtc.tacom.army.mil>
Source record: 199625

In article <4po184$58u@newsbf02.news.aol.com>, milpanek@aol.com (MILPANEK) wrote:
>i forgot how to subscribe to boatanchors. please advise.im sorry if this
>is not the appropriate group for this question

Send mail to:

listproc@theporch.com

..no subject, and the first and only line of text should read:

subscribe boatanchors Your Name

..Obviously replacing "Your Name" with your name.

Sean

3992. Re: RF Concepts repair phone # needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: dougd@lrbcg.com
Message-ID: <4po89s$t3s@news.dx.net>
Source record: 199626
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

james-m@ix.netcom.com (Don Murray) wrote:

>Hello and thanks for reading this..

>I have a RF Concepts RFC 2-317 amp that I need to get some work done on.. The
>number I have for RF Concepts in Gilroy, Ca is no longer valid and information
>is unable to locate a listing. I would appreciate it if anyone with an RF
>Concepts Amp would kindly look in their manual for the companies phone number
>and post it here for me..

>Thanks,
>Don AE4BR

Thomas Register had no listing for RF Concepts.

North Central Ohio Skywarn Info
http://www.amnorth.com/redbone
http://www.amnorth.com/redbone/ham-page.html
http://lrbcg.com/dougd

3993. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4poe1l$hu0@lehi.kuentos.guam.net>
Source record: 199627
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>Siegfried Rambaum wrote:
>>
>> PS: Before you reply, please THINK

>I did.

First time for everything, huh Burt ? That oughta give you a headache
for about two weeks.....

73, Jim KH2D

3994. WTB: Kenwood 733/732 type radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: bln@vii.com
Message-ID: <4poaff$cml@lonepeak.vii.com>
Source record: 199628

I would like to buy a Kenwood 733/732 radio. If you have one and are willing to part with it, please let me know.

--Respond only via EMail

Thank you,

K C 7 I I B
bln@vii.com
-Brett-

3995. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4poje5$j9v@crash.microserve.net>
Source record: 199629
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

arden@teleport.com (Arden Eby) wrote:
>jackl@pinetree.microserve.com (WB3U) wrote:

>>With all due respect Arden, you've read much more into my
>>posts than was intended. I have no desire to dissect the
>>inane perversities of the various socialist sects, nor do
>>I find such scrutiny necessary in order to accurately
>>describe their members as thieves and extortionists.

>Well if you define the term "socialism" as "perverse thieve
>and extortionists," then the Nazi's were certainly "socialists."
>However, please realize that this is a highly idiosyncratic
>definition.

My definition is objectively derived from socialism's primary
mandate - economic control and regulation. Socialist governments
take earnings and other property without permission of the owners.
That's theft. Compliance is achieved through the threat of force.
That's extortion.

If my definition is idiosyncratic, Webster's Dictionary isn't
as truthful as I thought. ;)

73,
Jack WB3U

3996. Re: Dual function HT aircraft.ham????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Joakim Gustafsson <joakim.gustafsson@comator.se>
Message-ID: <31BFA989.5C2@comator.se>
Source record: 199630

Dave Hand wrote:
>
> 1. Does any one know of a commercial HT that is designed for aircraft
> and Ham use???
>
> 2. Does anyone know of a Ham radio that can do both (rx and TX) on
> aircraft freq. (Please, I dont want any of the psudo lawyer busy
> bodys giving me grief about type acceptance, I know its not, but as
> an emergency back up I'll take my chances~!)
>
> Thanks!
> Dave Hand WB4HYP
> dhand@microdes.com

Im also very intrested in such an animal. Im a Paragliding pilot and Ham
(SM7LOQ) as well. During flight would i like to communicate to the ATC
center and also having some QSO. A local Ham dealer suggested the new HT
from Standard C508A. You find it on
http://www.stdradio.com/hanheld.html#508
Its "easy" to modify to go in to tx below 2M band but still in FM. BUT
if you place the Tx fq about 10kHz "wrong" will an AM recv "accept" it.
Itï¿½s proven here in Sweden with successfull QSO with the ATC but
the W output is very low.
I have not tested it my self! The information is from the local Standard
dealer.
/
Joakim

3997. Re: ICOM IC-720A Control Program?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: "C. A. La Varre" <alavarre@amaranth.com>
Message-ID: <4pp1s6$5hp@news.amaranth.com>
Source record: 199631

Carl Hodder wrote:
>I didn't think the IC-720A took a computer interface?
Well, I'm not sure. It has an "Accessory" connection on the back,
including eight pinouts for "external control", whatever that means. The
pins are designated for "DBC, RC, DV, RT, DB1, DB2, DB4, DB8", but I
haven't been able to figure out what those mean.
Andy La Varre
Presented by Galahad
http://www.perdido.com/business/t&ce.html

3998. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31BFE8C6.2269@ccsnet.com>
Source record: 199632
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Gerhard Amon wrote:
>
> First of all, I am really astonished to find such political topics
> in these newsgroups!

Yes the discussion of traffic, contests etc is far more meaningful.

> Ordinary people like hams?
> What does political practice, murder, slaughter have in common with
> a hobby like amateur radio?

A lot. I can think of no group on earth that would look the other
way more than hams. Hams are the most non committal group ever.

> Do you have statistical material about the corelation of being engaged in
> a certain hobby and the partizipation in crime?

Common sense.

> Amateur radio is the only hobby to communicate freely, worldwide and personally!

Someone closed down the internet?

> Please bear in mind that most of the hams are thinking that way.
> Political aspects, ethical discussions and moral disputes have nothing
> in common with our hobby.

As practiced, correct. Hans discuss nothing of importance.

> If you cannot handle that, you MUST refuse contacts with a lot of countries.
> Would you think about chinese brutality when working Spratly?

Of course. But you would kill your mother for a rare one.

#===============#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#===============#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

3999. Info on size/trends in the ham radio equip mkt?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Neil Rimer <neil@index.ch>
Message-ID: <31C01605.3010@index.ch>
Source record: 199633

Hello,

I am looking for information on the size of and trends in the world market for ham radio equipment.

Do any of you know of any studies published on this subject and where I could get a copy?

Any help or guidance in this regard would be greatly appraciated.

Thanks,
Neil Rimer

4000. Help Icom IC271H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: "William J. Porter" <n8lfp@nextek.com>
Message-ID: <31BFD16B.FB4@nextek.com>
Source record: 199634

I have an Icom IC-271H and experiencing some problems on SSB.
Intermitently the rig moves up and down from 1-4 kc. I know of others
with this same problem but never really heard any solutions except to
send the rig to Icom for repairs.

Any help would be greatly appreciated.

Thanks, Bill
N8LFP

4001. Re: Dual function HT aircraft.ham????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: discus@caverns.com
Message-ID: <discus-1306960820120001@dialup5.pm1.caverns.com>
Source record: 199635

In article <31BC7237.4BFF@microdes.com>, Dave Hand <dhand@microdes.com> wrote:

> 1. Does any one know of a commercial HT that is designed for aircraft
> and Ham use???
>
> 2. Does anyone know of a Ham radio that can do both (rx and TX) on
> aircraft freq. (Please, I dont want any of the psudo lawyer busy
> bodys giving me grief about type acceptance, I know its not, but as
> an emergency back up I'll take my chances~!)
>
> Thanks!
> Dave Hand WB4HYP
> dhand@microdes.com

For years I looked for a radio with these capabilities, with the idea of using the same radio as a 2 meter and glider crew vehicle aircraft band transeiver. Actually the IC-706 does this (after a small mod) but the output on the aircraft band is too small for practical use. As far as I know, no one has yet figured out a reasonable way to make the PA run outside the 2 meter band.

Larry NU5M

4002. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ppgql$rjd@crash.microserve.net>
Source record: 199636
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

egroen@inter.nl.net (Enno) wrote:

>I don't like socialists because those governments spend too
>much money but to say all socialists are fasists makes really
>no sense at all.

Enno, please read my other post and tell me which of the characteristics that bind socialism to fascism you disagree with. Socialism requires fascism (or at least the threat of fascism) in order to enforce its demands on the individual.

>Remember you live in a FREE country unfortunately with a
>president that can act as dictator..... I think Germany and
>Dutch governments are much more democratic than the US will
>ever have.

This statement is symptomatic of the Big Lie of government. Democracy has absolutely nothing to do with freedom or morality. A democracy in which the majority consists of bigots intent on destroying the minority could be just as terroristic and repressive as any dictator.

>What is a country that prevents CB users to speak with other
>countries?

Your question outlines why, contrary to assertions elsewhere in this thread, an understanding of these concepts is just as relevant to Amateur Radio as to any other aspect of life.

73,
Jack WB3U

4003. Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Todd Hargis <n9xrg@sprynet.com>
Message-ID: <01bb5940.79b05980$349daec7@spry025197.sprynet.com>
Source record: 199637

I am getting ready to buy an HF rig for mobile use but am a bit confused as to which one will offer the best usable features. Any one with experience with one they liked particularly well would be appreciated. Please e-mail me.

73s

4004. FYI: Yaesu FT51R WWW site

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <Dsy7ru.BsH.0.-s@inmet.camb.inmet.com>
Source record: 199638

All:

New WWW site for FT51R owners...

http://www.portal.com/~davidm/ft51r.html

Enjoy. The site is up and does not have much good information
up so far. However it will be growing steadily next week.
Check it out and visit often to see whats new!

Since the page is underconstruction hold the comments to a
minimum. Thanks! :-)

David

4005. Need 800 mHz RX Mod for IC-W31

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4ppdl1$oa6@brokaw.comm.mot.com>
Source record: 199639

I'm looking for the 800 mHz RX mod for the Icom IC-W31. I've tried a couple of the sites with equipment mods, but haven't found it. Can anyone help?

Skip
K9SA

4006. Re: Tor's History Lesson (was: Hitler's Willing Executioners

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: thcarter@bcfreenet.seflin.lib.fl.us
Message-ID: <4ppioi$rvq@nntp.seflin.lib.fl.us>
Source record: 199640

--
OMs. An interesting topic. A lot of thoughtful discussion on this topic
on the Holocaust Mailing List. 73 n4fip

Thomas H. Carter
thcarter@bcfreenet.seflin.lib.fl.us

"Freedom means letting other people do things you don't like."

4007. ts440 qsk mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: paul1@news.sfu.ca
Message-ID: <4pppc2$ruo@morgoth.sfu.ca>
Source record: 199641

A friend of mine has a ts440 and is not happy with the qsk performance as compared to his ts930. Does anyone know of any mods to improve this area?

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

4008. I want to learn about radios. Need Info!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: wes@prairienet.org
Message-ID: <4ppqag$fud@vixen.cso.uiuc.edu>
Source record: 199642

I have recently developed an interest in recieving and transmitting. The only problem is I don't have any experience in this field. If anyone has any reccomendations as to what might be a good sources of information or maybe you can send something directly enlightening i.e. The difference between A.M. and F.M. is ..... A few minutes on your behalf could save me many times that in research and your knowledge would be greatly appreciated.
Please E-mail wes@prairienet.org
Thank You!

4009. Re: htx-202 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: jafl@msg.ti.com
Message-ID: <4pptv7$um6@ganesh.mc.ti.com>
Source record: 199643

The HTX-202 was very specifically designed NOT to be modifiable. Great pains were taken to make this so.
Jim W0OOG/5

In article <4pijkb$psf@sjx-ixn3.ix.netcom.com>, ben10@ix.netcom.co says...
>
>Does anybody know if the htx-202 can be modified to operate outside the
>2 meter band? I am a commercial radio technician and it would make a
>handy test instrument. Thanks for any help! Please e-mail me.

4010. Re: FT-50 scan question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: jspatric@mailhost.ecn.uoknor.edu
Message-ID: <4pq5dp$10@frazier.uoknor.edu>
Source record: 199644

Jerry Hogsett <jerry@hogsett.com> writes:

>Kirk James Smith wrote:

(I only answered the ones I felt needed a better answer/correction.
Read the full one for all the questions. -- John)

>> 1) I want to scan a mix of VHF and UHF frequencies. Will it scan both,
>> not mattering what band the channel is in? I'm hoping for regular
>> "scanner" type scanning.

>Yes. You get 100 memories that can hold any frequency. Unfortunately,
>it doesn't separate them into banks so you have to scan all or nothing.

Unless, of course, you set a specific memory for "SKIP".

>> 6) Anyone know if there is a soft case for the larger batteries? I'd
>> shine NiCads and use the AA case, but I want a full 5w of output power.
>>

>The only "case" I've seen is a rubber thing that goes around the radio which
>makes it easier to hold and protects it when it hits the ground. The AA case,
>even though thick, doesn't support the full 5 watts output (according to the
>manual). This is probably due to the available voltage.

Yaesu also make a soft leather/plastic case for each battery type
(thick/AA and thin). I didn't get it, I got the rubber (orange) thing
to protect it, but the leather case has plastic (clear) for protecting
the keys.

>> 8) Are the 112 memory channels "true" memory channels, or does this include
>> things like call channels, scratchpad, search limits, etc?

>You're right. You get strictly 100 channels for regular memory slots.

The other 12 is for search limits, FYI.

>> Also, anything specifically you don't like about this radio?

>Some people don't like the dim-ness of the lit display. I haven't found it
>to be a problem since it it's really dark, you'll have no problem seeing it.

I believe the lighting is fine.

My only complaint is that you can't use it while recharging with the
NC-60(B/C) that comes with it. Well, in essence you can, but don't plan
on actually charging the battery.

>> --
>> Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
>> kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
>> http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

>--
>["That's just my opinion. I could be wrong" - Dennis Miller
>[
>[Jerry Hogsett N6CCM (home) jerry@hogsett.com
>[POB 636 RWC CA 94064 (work) jhogs@micrografx.com
>[(500)-G-HOGSETT http://www.hogsett.com
--
John Patrick (jpatrick@ou.edu)
Electrical/Computer Engineering Senior @ The University of Oklahoma
* John's EE Page: <http://www.ecn.uoknor.edu/~jspatric/ee-info.html> *
Check it out!

4011. Re: Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun13.164936.8047@ke4zv.atl.ga.us>
Source record: 199645
Cross-posted to:
alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <4plk3k$f51@news.cais.com> fwhitehurst@ezdial.com (David Whitehurst) writes:
> Does anyone know if the RS frequency counter is any good? How does it
>compare to say, the Optoelectronics' Cub/Scout??? Tnx! David N4ZGT.

It is a surprisingly well built unit (considering where it comes from,
very surprisingly well built). It is *not* a "sniffer". It wants a good
signal level before giving you a reading. But for most uses that's a
plus not a minus. I like it as a very handy utility counter.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4012. Re: Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Peter Barville <peter@barville.demon.co.uk>
Message-ID: <s$6abAAuyJwxEwrI@barville.demon.co.uk>
Source record: 199646

In article <4pq3af$q04@mksrv1.dseg.ti.com>, "D.W.Hemphill KC5NG" <d-hemphill@ti.com> writes
>In article <01bb5940.79b05980$349daec7@spry025197.sprynet.com>,
>n9xrg@sprynet.com says...
>>
>>I am getting ready to buy an HF rig for mobile use but am a bit confused
>>as to which one will offer the best usable features.
>

>Ah! You asked the RIGHT question... which rig offers the most USABLE
>features. My vote would be for the Alinco DX-70, which I own. It has
>all the things you NEED for casual HF operating in the car, and not so
>many silly bells 'n whistles. The Icom 706 is nice, but approximately
>$400 more expensive, and much more complex. Same for the Yaesu (has a
>lot more features, and it's also fairly large). The Kenwood TS-50S is
>okay, but the DX-70 has a better receiver and a detachable front panel
>in case you want to separate the panel from the main chassis (cables
>are optional but not very expensive). I'm sure I'll get flamed for
>saying this stuff, but I've used the DX-70 and TS-50, and have friends
>who've compared all of them, and the Alinco is definitely the best buy.
>If you like bells and whistles, buy the Icom.

I have to agree that the DX-70 is probably the best choice. I have been using a TS-50 (mobile) for some time now. Its great advantage is the superb tx audio quality - worth a lot when you are perhaps not as strong as other signals on the band. I have been very fortunate during the last week in being given the opportunity to try an IC-706. There is no doubt that the tx audio is very thin (particularly with its own hand-mic), and reports suffer as a consequence. Although the rx is better than the TS-50's, it still has some major shortcomings. Although I've not been able to try a DX-70 for myself, I've heard excellent reports of its performance (particularly the rx), and those I've heard and/or worked have had really good tx audio. I think the build quality is better on the Icom than the Alinco, but I guess you can't have everything!

The FT-900 is probably the best of the lot (particularly if you want an in-built matching unit), but then it is much bigger.

Hope that helps .. 73
--
Peter Barville G3XJS "It is vain to do with more
what can be done with less"
peter@barville.demon.co.uk William of Occum (1290-1350)

4013. Re: Equipment from a silent key...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4pq00p$44h@crash.microserve.net>
Source record: 199647

GHVZ65D@prodigy.com (Joshua Adams) wrote:

>I've been licensed as a technician class operator since April.
>It was my neighbor who first got me interested in amateur radio
>and convinced me to study for my license. Unfortunately, he
>died in December leaving his widow, and an adult daughter, both
>of whom I am acquianted with. I would very much like to buy his
>equipment from them, and was wondering how I could tastefully go
>about doing this?

Just tell them you're interested, and don't attach any
transparent sentiment about respect. If you were friends and
the family likes you, they'll know that. Also, you need to do
something so that if you get the equipment at a bargain, it
isn't because you've deceived them as to its value, or because
they were uninformed. Any bargain you get has to be with their
full knowledge of that fact, otherwise you will have used your
friendship to cheat the family.

73,
Jack WB3U

4014. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960613134755398@atdbbs.com>
Source record: 199648

> message <ER-2>.

HTX-202 Error Codes (taken from a Radio Shack memo)

ER1 indicates an internal RAM error. It appears when the memory backup battery is dead, when something has caused the memory contents to become corrupt, or as a result of physical or static electric shock. To clear this error, turn off the unit. Then turn it back on while holding down the "function" and "D" buttons. This clears the memory. If the error returns after you clear the memory, service is required.

ER2 indicates a PLL unlock. The radio gives this error if the PLL alignment is off or if the transmitted signal interferes with the internal PLL frequency. This error has been reported most frequently when using the supplied "rubber ducky" antenna with either a high-power battery pack or with an external DC source.

According to the memo, the fix for this is to use an external antenna when using external DC power. The memo goes on to say that if the problem persists, send the transciever to the repair center.

clint.bradford@atdbbs.com
... ATTENTION to Details BBS - 909-681-6221 - REACT/GMRS/AMATEUR RADIO
---
* TLX v4.00 *

4015. Mic for use in motorcycle helmet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: tgoins@accessone.com
Message-ID: <tgoins.2.1112FB09@accessone.com>
Source record: 199649

I'm looking for a good noise cancelling microphone to use inside of a motorcycle helmet with an HT. It must be fairly slim line and small to be of any use. The biggest problem is the pick-up of wind noise as it's howling through the helmet, the noise cancelling operation is a must. Also any recommendations on an effective VOX system to use with the mic and an HT would be great.

I can buy a Collett Communicator (900 MHz) that is made to work on a motorcycle but they are fairly expensive ($225 each) and since I already have several HTs I thought that maybe I could make them work. Any ideas?

Thanks,

Todd Goins - N0MZT
Seattle, WA
'92 FJ1200
tgoins@accessone.com

4016. Re: Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4pq3af$q04@mksrv1.dseg.ti.com>
Source record: 199650

In article <01bb5940.79b05980$349daec7@spry025197.sprynet.com>,
n9xrg@sprynet.com says...
>
>I am getting ready to buy an HF rig for mobile use but am a bit confused
>as to which one will offer the best usable features. Any one with
>experience with one they liked particularly well would be appreciated.
>Please e-mail me.
>
>73s

Ah! You asked the RIGHT question... which rig offers the most USABLE features. My vote would be for the Alinco DX-70, which I own. It has all the things you NEED for casual HF operating in the car, and not so many silly bells 'n whistles. The Icom 706 is nice, but approximately $400 more expensive, and much more complex. Same for the Yaesu (has a lot more features, and it's also fairly large). The Kenwood TS-50S is okay, but the DX-70 has a better receiver and a detachable front panel in case you want to separate the panel from the main chassis (cables are optional but not very expensive). I'm sure I'll get flamed for saying this stuff, but I've used the DX-70 and TS-50, and have friends who've compared all of them, and the Alinco is definitely the best buy. If you like bells and whistles, buy the Icom.

73 de KC5NG

4017. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Ted F <Tfalkow@telerama.lm.com>
Message-ID: <31C01112.1CE4@telerama.lm.com>
Source record: 199651

David Stansberry wrote:
>
> > sprouse@pgh.net wrote in article <4pnjd0$r7i@dropit.pgh.net>...
> > > rpo3352@omega.uta.edu (Paul Opitz) writes:
> > > Samuel R. DiSalvo (disalvo@ix.netcom.com) wrote:
> > > : I guy that I work with is apparently having a problem with his
> Radio
> > > : Shack HTX 202 HT. Sometimes when he keys up on it, he gets an
> error
> > > : message <ER-2>. Is anyone familiar with this and what it might
> mean.
> > > : It seams to do it after it has been off for a while and when it
> does,
> > > : he has to reset the unit's CPU.
>
> Just checked my HTX202 for this error when using higher voltages and it
> seems that the problem has been resolved. My HTX is about two weeks
> old or I should say that I bought it about two weeks ago and is behaving
> itself very well. The manual states that the er-2 is a PLL problem and
> that
> should be chacked out by a tech. Take that for all it's worth! 8-)
>
> DAVE

Give the radio a GOOD LONG TEST to be sure it is fixed. The problem
doesn't always pop right away. Try a long transmit a few times at a few
different freqs.
Ted F.
N3SQY

4018. Re: ! June 96 CD-ROM Available !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: rcoons@espresso
Message-ID: <RCOONS.96Jun13144605@espresso>
Source record: 199652
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

John KA3DBN wrote:

>>amsoft@epix.net wrote:
>>
>>
>>>AmSoft announces the June 1996 release of its CD-ROM "The World of
>>>Ham Radio". and blah-blah snipped..
>>====
>> I wondered how long it would be before the Internet hawkers found
>>this group.... DXers would surely want the "Flying Horse" Calbbook
>>disk, not this one, which is a rather paltry choice from among the
>>several on the market. The far better QRZ disk is available at $12.95
>>at many
>>outlets.
>>73, John KA3DBN

What about the web site:

http://www.ualr.edu/doc/hamualr/hamualr.html

?
Included in this site is a callsign lookup. The callsign lookup data
base has up to the minute data from the FCC about (I know, only US) call
signs. We have been using this to figure out exactly when we can use
our upgraded/renewed licenses, and it has a pretty good search engine
to find names as well as call signs (and zip codes, etc.).

73s es bcnu

de KF6WL

Richard Coons 3243*N 11710*W

Inter-National Research Institute
San Diego, CA

// For a successful technology, reality must take precedence over
// public relations, for nature cannot be fooled.
// - Dr. R. P. Feynman

4019. Watch the price with Bobby Raymer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: "David M. Kaye" <dkaye@mars.superlink.net>
Message-ID: <01bb5937.f6a67cc0$b8dc61cc@dkaye>
Source record: 199653

Watch the price of an item when dealing with Bobby Raymer. He has a habit of trying to sell USED gear at NEW prices. He uses the "hook" line "never been hooked up" to justify this. You are better of buying the item NEW with a WARRANTY than to deal with this man.
Caveat empour- Let the buyer beware! 73

--
Dave Kaye, N2SJH (dkaye@mars.superlink.net)

"Life is very short and there's no time
for fussing and fighting my friend"
-Lennon-McCartney

4020. FT11R and Programing Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: mariomesquita@mail.telepac.pt
Message-ID: <4pqbrc$j7n@vivaldi.telepac.pt>
Source record: 199654

I have a FT11R and the program software and cabble but I don't know why, I'm enable to change information with my computer.
If I try to send infos from the radio to the computer, it doesn't happen anything. If I try to receive infos from the computer to the radio, the radio loses all infos ...
Do you have any idea????

4021. Re: Help with 2 to 4 wire tel. converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: bpaul@qualcomm.com
Message-ID: <bpaul-1306961552080001@wpaul-toy.qualcomm.com>
Source record: 199655
Cross-posted to: sci.electronics.design,rec.radio.swap,rec.radio.amateur.equipment

> >Lee Woldanski wrote:
> >>
> >> I need to build a circuit that will do the following:
> >>
> >> Take a normal 2 wire tel line and convert it into transmit audio,
> >> receive audio (basic 2 to 4 wire conversion), detect ring, and control
> >> on and off hook.
> >>
> >> Basically I am looking for a telephone interface to be used with a
> >> repeater controller.
> >>
>
If you would accept a canned solution, there is a company called Cermatek
in Sunnyvale, CA US, that makes a little hybrid package that does exactly
what your looking to do. I think they cost around $12
-BP

Bill Paul KF6BBL San Diego,CA bpaul@qualcomm.com
Disclaimer:
The above post is the opinion of Bill Paul, not Qualcomm Inc.

4022. FT11R and Programing Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: mariomesquita@mail.telepac.pt
Message-ID: <4pqbug$jcr@vivaldi.telepac.pt>
Source record: 199656

I have a FT11R and the program software and cabble but I don't know why, I'm enable to change information with my computer.
If I try to send infos from the radio to the computer, it doesn't happen anything. If I try to receive infos from the computer to the radio, the radio loses all infos ...
Do you have any idea????

4023. QSL wall card holders..where?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: back@maine.maine.edu
Message-ID: <4pq712$a8n@service-2.agate.net>
Source record: 199657
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.antenna,rec.radio.swap

Hello all,
I was wondering if anyone out there knows where I can get some of the
QSL vinyl-like,clear QSL card holders that you can hang on a wall.?
Anyone have any suggestions, locations, phone #'s..

Thanks, J, N1RWY FN54VF

"Promoting the use of mobile computing..and mobile packet!"
http://www.umecut.maine.edu/~baack

4024. Re: Antenna for Icom IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Joseph Borrow <joborrow@icanect.net>
Message-ID: <31C0AA7F.AED@icanect.net>
Source record: 199658

Donald P. Davis Jr. wrote:
>
> Picked up a 706 last week and wonder which antenna anyone else has chosen
> for mobile use. I leaning towards the Diamond unit which is the same as
> the Comet in some ways but is a lot cheaper. Would also get the 40meter
> element to the antenna and have 2/6/10/40 meters on the road. Anyone have
> either or what are your suggestion?
I use the Hustler System, and It works fine. Sometimes a pain the the
BUTT to get out of car, especially in rain..but the results are great. I
use it on 10 thry 40. The mast with no resonators is resonant on 6.

Joe- K1GFH/4

4025. XMatch Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <31C0B038.6CF5@aloha.net>
Source record: 199659

W8JI Tom wrote:
In ref. to using an XMatch tuner, I believe:

> Someone being driven nuts by RFI brought his whole station
>down here, he had an expensive $1000 "top of the line"
>(XMatch, maybe? AH6NB) tuner and an expensive TVI filter
> in the system.

> Neither piece of equipment had the covers grounded correctly, both had
> plastic washers and paint under the screws. I could light a 12 v light
> bulb near the edge of the tuner case

> Grounding the tuner case to it's chassis (the tuner needed more screws
> added) reduced case radiation by almost 45 dB and cured the RFI!

Tom,

I have had an XMatch tuner for a few weeks now. It seems to perform
as claimed on 160, 80 and 40. But for my 20 meter beam, odd
things happen. Near the high end of 20, my beam has a vswr of around
2.4:1 at a freq I use to chat with friends on the mainland.
Using the XMatch, I cannot get a vswr below about 1.7:1, but
even more strange, when bouncing between XM1 and XM2 switch
tuning positions, regardless of position, I get a sudden, snap,
increse in vswr up to around 5:1 at one particular position of
the inductor tuner. But, there is perfectly smooth tuning
operation through this position on the three lower frequency
bands. Until I had discovered this, I was about to open the
case and clean the coil windings and inductor roller "wheel"
with alcohol. Now believe the inductor is probably ok.

I also am considering taking off the plastic washers and scraping
away the paint from where the top cover and chassis meet;(believe
I mentioned this idea in a note to Paul Schrader). Or,
maybe I should just remove the top altogether?

Also, have you been able to trace the circuit of this tuner;
to me, and I may not have followed the wiring accurately as
the switch positions are changed, it appears that all that is
happening when switching between XM1 and XM2, is that the places
of the tuned and fixed capacitors are interchanged in the "T"
circuit. The variable at the input to the tuner in the XM1 position,
and the fixed bank of 5kV's totatling 575 mmf, at the output.
The roller inductor appears open at one end,and to ground at
the other, with the roller tap selecting the amount of inductance
to ground appearing between the two capacitors, one at the input,

the other at the output of the tuner.

I suppose what is patented is the idea of switching the positions of the fixed and variable capacitors. I don't know what the value of the two section variable C is; the two sections of the variable C seem to be in parallel.

All in all, I don't see anything else unique about Paul's design, except that it really does work on 160, and does seem to be robust! Not sure what is so extra efficient about it, except that it lacks metering, multiple antenna switching, and balun for balanced output, all of which would lower overall transfer efficiency when used, I suppose.

Do you have any other thoughts on the XM Match, Tom? And should I modify Paul's top cover mounting as you say you have done. So far I have noticed no RFI problems. Is the XM you modified used on 160, on 80, and if so, the mods have not messed up the really low band operation?

73, Jim, AH6NB, jreid@aloha.net

4026. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: "Tom C. Brown, Jr." <tbrown@TECLink.net>
Message-ID: <31C0CF31.7478@TECLink.net>
Source record: 199660

That's incredible, Tom! I guess they had the cover there for decoration only...<g>

I'm glad to hear about the new MFJ air core inductor. I don't think much of the one they have been using.

I wondered if it was just me, or if they were indeed putting some of those tuners in too small a box. Maybe they are trying to match the size of some of the current solid state HF gear or something. Since I use Collins and Drake vintage gear (in nice, big cabinets!), I guess it just wouldn't occur to me to put the stuff in a (relatively) tiny box when a bigger one is better functionally.

Kinda like my old 500 series Tektronix scopes. One thing I like about them is that the doggone controls are big enough to comfortably use! <g>

73

Tom KJ5IE

4027. Customized antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: robby rust <talin@gte.net>
Message-ID: <31C0CFF7.57B5@gte.net>
Source record: 199661

ROCKWALL ANTENNA

Can custimize any antenna to your exact needs

vist our site

http://home1.gte.net/talin/index.htm

4028. Re: QSL wall card holders..where?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-13 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <31C106DA.5F37@wco.com>
Source record: 199662
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.antenna,rec.radio.swap

Jason Baack wrote:
>
> Hello all,
> I was wondering if anyone out there knows where I can get some of the
> QSL vinyl-like,clear QSL card holders that you can hang on a wall.?
> Anyone have any suggestions, locations, phone #'s..
>
> Thanks, J, N1RWY FN54VF
>
> "Promoting the use of mobile computing..and mobile packet!"
> http://www.umecut.maine.edu/~baack

jason,20thcentury plastics,1-800-767-0777,stock #ppv840-000,holds 8,
19.00 per 100 with 2 free photo albums.
73 steve cm88ll

4029. Tuning Fijitsu Ten Model FTM40-3092H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: wa4vrv@srv.net
Message-ID: <31c0b119.5271133@199.104.80.6>
Source record: 199419

Hi!

I recently purchased a commercial Fijitsu Ten FTM40-3092H mobile and got the Service Manual and Pro-U Programming Chip. Noe, how do you (if you can) get this thing programmed into the amateur band (443.00 Mhz)????? I was able to easily tune it to 450.00 Mhz, and Fijitsu Ten service department was able to help me purchase the service manual and programming chip, but they don't know anything else. I would really appreciate it if anyone knows if I can program this rig into the amateur band.

de Jay, WA4VRV
Jay C. Greenberg
WA4VRV
email: wa4vrv@srv.net
Phone: (208)524-1388 Evenings/Weekends
(208)526-7033 Weekdays

4030. HF Net Directory

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: James Prentice <j.prentice@worldnet.att.net>
Message-ID: <4pqc67$83n@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 199420

I am looking for a file to download. HF net freqs etc for North America. As plans for full time rving in near future such info would be nice to have.

I know this should have been posted elsewhere, but did not know where.

Thanks..

Jim

wa2mzf @ ka2jxi

or

prentice@scanva.canton.edu

or

att worldnet address given..

4031. WTB:MICROPHONE FOR KENWOOD TR7950

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: pstever@magi.com
Message-ID: <4pqh9j$ou6@news.istar.ca>
Source record: 199421

I have an old Kenwood TR7950 2M mobile rig and I need a new microphone
for it. If anyone has one and wants to sell it, please drop me a note.

E-mail to: pstever@magi.com

Thanks de Pat - VE3PZ

4032. Re: Questions about recieving and transmitting. Need Info!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: peterg4@ibm.net
Message-ID: <4pqifp$2j42@news-s01.ny.us.ibm.net>
Source record: 199422

In <4pn8hi$9bb@vixen.cso.uiuc.edu>, wes@prairienet.org (Josh Beck) writes:
> I.E. A sine wave is converted to a radio wave how?
> What is the difference between A.M. and F.M. Short wave?

If I understand your question right, the answer is that an antenna converts a sine wave (at "Radio Frequency") into a radio wave. Your transmitter modulates the Radio Frequency carrier wave with information such as your voice signal in such a way that the antenna emits a narrow band of signals which consist of the RF carrier and associated "sidebands" which actually carry the transmitted voice signal.

Short Wave refers generally to the aproximate frequency range of 2 - 30 MegaHertz (Cycles per Second). Long wave is lower frequencies... as a lower frequency will have a longer wavelength (since wave speed is the speed of light, a constant). However, the term Shortwave is somewhat old; now most general discussions use the xHF designations (VLF, LF, MF, HF, VHF, UHF, etc).

AM and FM are modulation techniques. Simply, AM means Amplitude Modulation, where the RF carrier AMPLITUDE is modulated by the signal to be transmitted, while FM refers to Frequency Modulation, where the FREQUENCY of the RF carrier is modulated by the transmitted signal. There are variants of these, and the theory gets sometimes complicated, but suffice it to say that each has its advantages and disadvantages and that over time the method used in each frequency band and service use has settled down to those methods that for a multitude of reasons work out best.

..Good luck... Get a hold of the "Radio Amateur's Handbook," it was one of my first books on ham radio and it has good explanations of most stuff.

..Peter

4033. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: arden@teleport.com
Message-ID: <4pqpao$157@nadine.teleport.com>
Source record: 199423
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

jackl@pinetree.microserve.com (WB3U) wrote:

>My definition is objectively derived from socialism's primary
>mandate - economic control and regulation. Socialist governments
>take earnings and other property without permission of the owners.
>That's theft. Compliance is achieved through the threat of force.
>That's extortion.

[NOTE: Most of my response is simply designed to keep the discussion interesting and, ultimately, relate it back to amateur radio. While I agree with all of the below in regard to individual cases, my personal economic opinions vary pragmatically according to circumstances. I am a proud member of the Democratic party who leans toward social-democracy, but on individual issues, I can also be quite conservative.]

No. Socialism's primary mandate is the nationalization of the means of production. ALL states that produce currency participate in economic control and regulation.

Socialists accept a labor theory of value. This states that the only value in any commodity is based on the labor that went into it. Take, for example, a metal chair. When the metal it was made from was in the ground it was worthless. You might argue that even then it had value. However, the value of the land as a mine is based both on the anticipation that labor will commence there as well as the labor that went into discovering the metal in the first place. The raw material proceeds to finished product by virtue of labor. This labor, and nothing else, transforms something that is valueless into something valuable. In exchange for this the workers receive a wage. Since ALL of the value that went into the object is the product of labor, the wage should equal the total of that labor. Does it? No. Why not? Because this equation has failed to factor in profit. The business owners (let's posit a large number of stock holders for the sake of argument) do absolutely nothing for society. They have not had a hand in transforming the valueless into the valuable, yet they are still getting paid. How? Because, via profit, they are STEALING value from the workers. Thus PROFIT equals theft, not taxation.

You might argue that the business owners have taken "risk." The Socialist answers that this is utter nonsense. Their risk is essentially nil--only paper, or worse, clicks in an account register. The workers on the other hand risk their lives, the time and value.

People with your mindset have fallen for the great con--the real thieves have deceived you into believing that the so-called government (which is really the collective will of the people) is the enemy when, in fact, it is the business owners. Unless of course you ARE a business owner, in which case you are a thief yourself.

Now, getting away from economics per se, what about "regulation?" Let's use amateur radio as an example. There are no doubt individuals who would like to end all frequency regulation whatsoever. However, this would OBVIOUSLY make the bands unusable. Thus, all of the good things we do in Ham radio, ARES, MARS, RACES, SAREX, Handi-Hams, would be wiped out. To paraphrase Hobbs, in such an environment, our "amateur radio experience" would be nasty, brutish and short. However, we as a people, through our representatives have determined that if we regulate the bands they will be more useful and more enjoyable than if they were left unregulated. Most hams WANT regulation of the ham bands because clearly such regulation is in the best interest of EVERYONE.

Is it really such a stretch to imagine that there might be other areas of life in which such regulation might be desirable? Today I got a notice from my city that I had to trim my tree. The city has an ordinance that states that no tree may have branches hanging lower than ten feet into the street. I was annoyed when I first opened the letter. I don't really have time to go out an trim my tree this weekend. However, on second thought, I imagined one of my neighbors running into the tree and changed my mind. I appreciate the reminder. You might say, "well, your neighbors should look out for the tree," or ""If your neighbors don't like your tree they should move to another neighborhood." Perhaps. But if we extend this logic to every facet of life, your proposal would lead us back to a state of nature something rather similar to that of the Neanderthal in which the physically strong had the RIGHT to oppress the weak. This is the irony of the so-called "freemen." The broad application of their definition of "freedom" would make us all slaves.

Arden KI7FG

****
Arden Eby
Internet: arden@teleport.com
Packet Radio: KI7FG@KA7AGH.OR.USA.NA
Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
****

4034. Re: Radio Shack DSP $39.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: ke6alm@loop.com
Message-ID: <4pqljv$sfh@jerry.loop.net>
Source record: 199424

In article <31b64a54.258147@news2.nando.net>,
geo@nando.net (George McCrary) wrote:
>
>>
>>Unfortunately, does come with schematic and I want to modify CW
>>bandpass to cover packet (1600-1800) or rtty (2125-2295).
>>
>>Anyone out there successfully made this type of mod yet ?
>>
>>de Richard/NT2Z
>
>Uh, maybe I'm missing something. To "modify" a DSP filter would
>require modifying the code stored in ROM. The RatShack unit has this
>code stored on a soldered in DSP chip.
>
>Unsolder the chip, and then (if it isn't read protected) load it onto
>your PC. Decompile the code and simply make the changes.
>
> Good Luck!
>
> George
>
>THE geo DXCC page and THE geo LOVEBIRD page
>http://www.webbuild.com/~geo

FWIW, the Radio Shaft DSP (just bought mine for $35 and cuouldn't resist cracking it open) is based on a Texas Instruments core. For those of you who are curious and/or care, the part number is TCR1007, which sounds like a custom mask just for RS.

It works pretty well on 2 & 6 sideband, but the audio is wimpy with the rig I'm using (Yaesu FT-221).

- Matt

4035. Kenwood's new Marketing Plan

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: algollom@interlog.com
Message-ID: <4pqi24$3s9@news.interlog.com>
Source record: 199425

I just received this message from a friend. It's very interesting
to say the least.

* * * * * * * * * * * * * * * *

KENWOOD ANNOUNCES NEW DISTRIBUTION CHANNELS

Longing for a new Kenwood TS-870S or maybe a TM-733? Soon, you might find them in your local CB shop or truck stop. Citing concerns about the future of Amateur Radio and a changing business climate, Kenwood Communications Corp announced to its dealers on May 21 it's taking "some bold steps" to turn things around. Kenwood has appointed three new companies (as yet unnamed) to wholesale Kenwood Amateur Radio products "to CB radio stores, truck stops, 2-way radio stores, and electronic re-sellers," according to a letter to its dealer network.

Kenwood says it believes its new distribution strategy will benefit the hobby by increasing the visibility of its Amateur Radio line through small dealers to help draw newcomers into the hobby.

The company also says it plans to offer a new pamphlet or "primer" about Amateur Radio to introduce people to the hobby. The primer will be free. In addition, Kenwood will start selling Amateur Radio study guides and has urged its authorized dealer network to help distribute the new materials. In conjunction with its Kenwood Report--distributed to ham radio clubs--the company also plans to offer "incentives for local clubs to gain new members using the Kenwood Amateur Radio primer and licensing materials." In a May 28 letter to authorized dealers, Kenwood described the moves as "our first stage of activities to promote Amateur Radio."

Kenwood says the extra step in the new distribution chain will guarantee that existing authorized dealers always have a price advantage over the smaller resellers. The company also denied rumors that it plans to exit the Amateur Radio market.

* * * * * * * * * * * * *

==========
on the Internet: on packet:
algollom@interlog.com ve3xag@va3bbs#scon.on.can.na
==========

4036. ic-706 NB adjustment?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: bclongwell@delphi.com
Message-ID: <9606132323591.The_Win-D.bclongwell@delphi.com>
Source record: 199426

In article <4pj6ms$dn5@ghostgum.hunterlink.net.au>, bfurno@hunterlink.net.au (bill furneaux) writes: > I just installed my ic706 in my car and the noise blanker is next to > usless does anyone have a fix for it or is there a adjustment that can > be done to improve it???

>
> thanks bill bfurno@hunterlink.net.au
>
>

Works for ignition noise OK. But if the signal is strong (especially in the AM mode), it will make things worse.

Looks like you have to do the boy scout "solve the problem at the source" thing that the self-rightious and the ARRL are always preachin'.

You could always stick to working only the strong signals. In the mobile, the weak signals probably can't hear you anyway.

4037. HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: kpowe@oneworld.owt.com
Message-ID: <4pqlga$o7o@paperboy.owt.com>
Source record: 199427
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

On Mon, 10 Jun 1996 mvi said:
>Samuel R. DiSalvo wrote:
>> I guy that I work with is apparently having a problem with his
>>Radio Shack HTX 202 HT. Sometimes when he keys up on it, he gets
>>an error message <ER-2>. Is anyone familiar with this and what it
>>might mean. It seams to do it after it has been off for a while
>>and when it does, he has to reset the unit's CPU.
>> Any info would be greatly appreciated
>> 73
>> KC8BQP - Sam
>Quote from the HTX-202 Users Manual:
>"Er2 indicates the transceiver's PLL section has unlocked. Have the
>transceiver repaired by an authorized Radio Shack service center."
>Hope this helps.
>73,
>John, KB2YJH
I have this happen several times but turning the HT off then on again has
always reset it. I think it is caused by using external power on high power
with an inadequate antenna (the rubber duck)

`[1;30;43mNet-Tamer V 1.04 - Test Drive

4038. Re: Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31C0F27D.6DFC@southwind.net>
Source record: 199428

D.W.Hemphill KC5NG wrote:
>
> In article <01bb5940.79b05980$349daec7@spry025197.sprynet.com>,
> n9xrg@sprynet.com says...
> >
> >I am getting ready to buy an HF rig for mobile use but am a bit confused
> >as to which one will offer the best usable features. Any one with
> >experience with one they liked particularly well would be appreciated.
> >Please e-mail me.
> >
> >73s
>
> Ah! You asked the RIGHT question... which rig offers the most USABLE
> features. My vote would be for the Alinco DX-70, which I own. It has
> all the things you NEED for casual HF operating in the car, and not so
> many silly bells 'n whistles. The Icom 706 is nice, but approximately
> $400 more expensive, and much more complex. Same for the Yaesu (has a
> lot more features, and it's also fairly large). The Kenwood TS-50S is
> okay, but the DX-70 has a better receiver and a detachable front panel
> in case you want to separate the panel from the main chassis (cables
> are optional but not very expensive). I'm sure I'll get flamed for
> saying this stuff, but I've used the DX-70 and TS-50, and have friends
> who've compared all of them, and the Alinco is definitely the best buy.
> If you like bells and whistles, buy the Icom.
>
> 73 de KC5NG

Ditto for me. The DX70 is perfect! If I want bells and whistles, I'l dump my
TS450 in the van.
--

Ken Bessler KG0WX

4039. Help! FT-101ee Grounded to Neutral PoP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: allenm@rain.org
Message-ID: <31c1033b.4999290@news.west.net>
Source record: 199429

HI.. After recently moving I hooked up my 101ee up and found a conveniently close copper water pipe for groung...I flipped on the power switch...fine.... but when i flipped on the HEATER switch the panel lamps went BRIGHT and the fuse blew.....inspection revealed that the water system to the house was tied in to the white NEUTRAL wire in the breaker box !!??...that danger is fixed....Now my problem..the short from earth ground to neutral destroyd the filaments in all three tubes....I purchased a new pair of finals and predriver from ICC and installed them after checking the filament volteage at the socket.... Now I cant get any resting current....filaments glow proper....It wont load properly....output is not what it should be....neutralizing has no effect...20 mtrs is the ony band it tries to load up properly....before i dig in to the rig I wondered if someone out there has been down this road before so ANY thoughts on this will be greatly appreciated !! Thanks ...
Allen KB6PQG allenm@rain.org

4040. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4pretj$418i@info4.rus.uni-stuttgart.de>
Source record: 199430
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

>How? Because, via profit, they are STEALING value from
>the workers. Thus PROFIT equals theft, not taxation.

Hi Arden,

Now I see it clearly: The capitalist are steeling the wages of
the work force, the socialist goverment does the same, and all
goverments steel our frequencies. How about an amateir radio revolution?
No power or frequency limit?

73, Moritz DL5UH

4041. Need Info--Pearce-Simpson Newport-D

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: brent.reynolds@swsbbs.com
Message-ID: <8C28137.035C000A4B.uuout@swsbbs.com>
Source record: 199431

I'm looking for information, and a possible source of manuals/diagrams of a Pearce-Simpson model Newport-D receiver. This is a transistor, 12-volt DC unit made in Japan around 1968 or so. It has a top-mounted, manual/motor-driven rotating ferrite bar antenna, and side-band with BFO capability. Frequency coverage is "beacons," LW, 150-400KHz; "Broadcast," MW, 535-1605KHz; and "Marine," MW, 1600-3990 KHz. It is in a metal case about 11-11-6 inches, including the ferrite bar. The unit also has a long telescopic whip antenna.
I'm looking to sell it, but want some idea about what it went for new, and whether it might have any slight collectible value. The unit is in excellent condition, and works very well on all three bands. I don't think it ever spent any time on a boat other than the one that brought it here from Japan.
If you're interested in acquiring it, or could just help out with any info, please E-mail me at
brent.reynolds@swsbbs.com or call any time, Atlanta, Georgia, 404-814-0768.
Thanks.
Brent Reynolds

4042. Yaesu FT-50R Crossband

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: user@memo.ericsson.se
Message-ID: <4prg1r$348@erinews.ericsson.se>
Source record: 199432

Hi there!

Can anybody tell me if the FT-50 can operate as crossband repeater? It should be able to go from 2meter to 70 and 70 to 2meter without any reconfiguration. I'm thinking about selling of my old duobander and get somthing newer and I need to be able to do this. Please drop me a line if you have tried it!

Tommy SM7PAF

4043. Re: Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4prhav$aot@newsbf02.news.aol.com>
Source record: 199433

I have been using a DX70 in my mobile for the last 6 months. It has been a very good radio; it replaced my TS140 which I had for ~3 years. I have friends that have the Icom 706 and it too is a good radio, but much more expensive (~$400) and it is more difficult to use in a mobile environment. My only complaint wiwth the DX70 is the short separation cable if you want to separate the control head. The cable is only 5 feet long, too short to place the radio behind the seat in my pickup. I used two cables to get the extra length, however, Alinco does not recommend it due to the possibility of noise pickup etc.
73 de Mark, WB9BVV

4044. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4pricn$5cl@lehi.kuentos.guam.net>
Source record: 199434
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>Jim Kehler wrote:
>>>
>> >> PS: Before you reply, please THINK
>>
>> >I did.
>>
>> First time for everything, huh Burt ? That oughta give you a headache
>> for about two weeks.....

>You gained what from the insult?

You tell me Burt. You're obviously the King of Insult. What do you
think I gained from the insult ?

4045. Manual Needed - Lampkin 107C

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960614034741.12497C-100000@freenet2.afn.org>
Source record: 199435

Hi Tom here... I am in need of a manual or sevice manual on
a Lampkin Labs 107C. To correct the Dev meter side. A schematic
or photocopy of any of the above would help....
Tnx De Tom.
73

4046. Re: Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: robby rust <talin@gte.net>
Message-ID: <31C15A62.4C2B@gte.net>
Source record: 199436

Chris Boone wrote:
>
> "Richard C. Mikulski" <richard@srvr.third-wave.com> wrote:
> >blackie@gate.net (Blackie Lawless) wrote:
> >>I have an old Yaesu FT-227R 2 meter rig which quit working a couple of
> >>years ago. The problem is that when you transmit, the led display
> >>goes blank, and nothing happens. One thing that I did notice before
> >>it quit transmitting all together is that the power output was slowly
> >>diminishing. Seems like it put out very little power even in the high
> >>power mode (10W).
> >>
> >>Has anybody out there experienced this, and is it a problem that is
> >>fairly inexpensive to fix?
> >
> >
> >Try cleaning or replacing relay RL101 on the main unit.
> >
> >WA3OFD
> >
> That and also check for a cold solder joint around the 8V regulator
> inside the the top cover on the right side of the chassis...this 8V
> regulator supplies B+ to all stages of the rcvr and transmitter..on TX,
> any high resistance will cause the 8V line to drop to a LOW voltage and
> the PLL will unlock, causing the display to go out (thats the unlock
> warning)....If the relay is high resistance on the 8v switch side, the
> same condition occurs...on my 227R it was due to the 8V regulator though
> being flexed too much and cracking the land on the bottom of the PC board
> and led to a high resistance in the 8v ckt to the TX...
>
> But I have seen the relay also cause problems.....
>
> 73
> Chris
> WB5ITT
>
> FT227R owner since 1977 (and it still works!)

********** LITTLE KNOWN FACT **********

After 30 years research we have determined that Radios runs EXCLUSIVELY on smoke !

Don't belive it ?

Have you ever seen one work AFTER the smoke Escapes ?

4047. Icom control software?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: jms@col.hp.com
Message-ID: <4prlgb$gi0@nonews.col.hp.com>
Source record: 199437

Posting for a friend who no longer has access (he retired!). Please
respond to address below. Thanks! Mike, K0TER

Could someone please e-mail me with addresses or phone numbers
of a place that I might get software to control an ICOM 706 and ICOM T7A.
Preferably for DOS but I'll take a windows version.

This is supossed to be available but I can't find it.

Thanks, John N0KIC. Please e-mail to > jwc@juno.com <

4048. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C13631.51E4@ccsnet.com>
Source record: 199438
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Jim Kehler wrote:
>>
> >> PS: Before you reply, please THINK
>
> >I did.
>
> First time for everything, huh Burt ? That oughta give you a headache
> for about two weeks.....
You gained what from the insult?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI HI
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Burt

4049. Re: Antenna for Icom IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DszoLK.2M9@iglou.com>
Source record: 199439

I use a 40m hamstick and a 1/4 wave 2m whip. Total investment $25.

Joseph Borrow (joborrow@icanect.net) wrote:
: Donald P. Davis Jr. wrote:
: >
: > Picked up a 706 last week and wonder which antenna anyone else has chosen
: > for mobile use. I leaning towards the Diamond unit which is the same as
: > the Comet in some ways but is a lot cheaper. Would also get the 40meter
: > element to the antenna and have 2/6/10/40 meters on the road. Anyone have
: > either or what are your suggestion?
: I use the Hustler System, and It works fine. Sometimes a pain the the
: BUTT to get out of car, especially in rain..but the results are great. I
: use it on 10 thry 40. The mast with no resonators is resonant on 6.

: Joe- K1GFH/4

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4050. Re: ICOM IC-2000H MODIFICATIONS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4prlo9$6ua@news.halcyon.com>
Source record: 199440
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

mike.anderson@asacomp.com (Mike Anderson) wrote:

>In article <4pkbg8$27b@abyss.West.Sun.COM>, myers@West.Sun.COM says...
>>
>>In article <31BA2F45.728F@excaliber.com>, Bob Curci <bob@excaliber.com>
>wrote:
>>>Tu and Bob Myers wrote:
>>>>
>>>> Will someone please tell me the source(s) for modifications to the
>>>> IC-2000H?
>>>
>>>
>>>Try Icom. They will give you all the mods your license can handle.
>>
>>
>>Remove the front panel of the radio - this is done by removing the
>>two allen head screws from the front panel and then pulling the
>>front panel off. Look on the PCB behind the front panel for a
>>single SMD diode near the 'W1' silkscreened on the PCB; remove this
>>diode.
>>
>>Replace the front panel.
>>
>>Note that this mod can be made without removing the actual radio from
>>the mounting bracket.
>>

>What does this mod DO? What additional capabilities will I have after
>I make it? Thanks. Mike WA8JDW

You willl be able to talk directly with the police, fire dept, public works depts., maybe Joes plumbing and heating trucks, boats, taxis etc. It opens the transmitter from 136 to 174 MHz.

Gary

4051. Re: ICOM IC-720A Control Program?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4prm2g$6ua@news.halcyon.com>
Source record: 199441

C. A. La Varre <alavarre@amaranth.com> wrote:

>Carl Hodder wrote:
>>I didn't think the IC-720A took a computer interface?
>Well, I'm not sure. It has an "Accessory" connection on the back,
>including eight pinouts for "external control", whatever that means. The
>pins are designated for "DBC, RC, DV, RT, DB1, DB2, DB4, DB8", but I
>haven't been able to figure out what those mean.
>Andy La Varre
>**Presented by Galahad**
>http://www.perdido.com/business/t&ce.html
Those connections were used by the IC-7072 adaptor. The IC-7072 attached the
720A and The IC-R70 receiver so the two units would transceive.

Gary

4052. Re: Help Icom IC271H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4prm5r$6ua@news.halcyon.com>
Source record: 199442

"William J. Porter" <n8lfp@nextek.com> wrote:

>I have an Icom IC-271H and experiencing some problems on SSB.
>Intermitently the rig moves up and down from 1-4 kc. I know of others
>with this same problem but never really heard any solutions except to
>send the rig to Icom for repairs.

>Any help would be greatly appreciated.

> Thanks, Bill
> N8LFP
many times the trimmer caps in the HPL circuit are bad causing this jumping in frequency.

Gary

4053. FT-530 For Sale!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: djmd@one.net
Message-ID: <4prrir$sab@news.one.net>
Source record: 199443

Yaesu FT-530 For Sale!

comes with:

- extra FNB-25
- Regulated cig-lighter adapter
- AEA 1/2 Wave Whip

MINT Condition - bought new truck, must sell!

E-mail an offer if interested!!

4054. Re:standard C 508 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Phil Scott <pscott@baynetworks.com>
Message-ID: <4prsmu$atc@news-read-1.PeachNet.EDU>
Source record: 199444

In article 31B97729.664A@emma.irb.hr,
Alan Jobst <ajobst@emma.irb.hr> said:
>
>Hi!
>
>Does anyone have some experience with Standard 508 ?
>
>
>Alan
>
>

Yes, I have one of these little beasts and absolutely love it. It has a tremendous receiver even out of the ham bands- get the Comet SMA-3?? antenna for it- has more gain than the stock duck although it is OK. Let me know if you have questions abt it.
Phil N3KDJ

4055. 800MHz RX on ICOM IC-2340 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: ccsys@interport.net
Message-ID: <31c17815.4084222@news.interport.net>
Source record: 199445

Has anyone gotten the Icom 2340 to receive on 800-900 like the 2410? Mine has the front-end module installed but after much diode-testing and jumper-changing I still haven't had any luck. The ICOM techs I've asked have changed the subject very quickly. Anyone know if it's a cpu swap???

Andrew
N2CBU

4056. Re: Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4prqu8$gko@brokaw.comm.mot.com>
Source record: 199446

I looked at the FT50 at Dayton thisa year. The ads made it look pretty good, but I found out it won't do simul VHF/UHF receive. Same with the Icom T7A. I got used to that with my old Yaesu FT470. I bought an Icom IC-W31A. It does simul VHF/UHF , VHF/VHF , UHF/UHF receive. I receives all over the place - 100-180 VHF 300-800 UHF and is modifyable for 800-999 receive. So far I'm satisfied with it. It was just over your $ limit ($380 with tax at Dayton). By the way, I liked the Yaesu FT51, but it doesn't look like it can be modified for 800-900 receive (I like to listen to the local PDs on 800).

Skip
K9SA

btw, the Alinco DJ580 has been out of production for a couple years.

4057. Re: Yaesu FT-50R Crossband

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31C15A14.5077@hogsett.com>
Source record: 199447

Tommy Karlberg wrote:
>
> Hi there!
>
> Can anybody tell me if the FT-50 can operate as crossband repeater? It
> should be able to go from 2meter to 70 and 70 to 2meter without any
> reconfiguration. I'm thinking about selling of my old duobander and
> get somthing newer and I need to be able to do this. Please drop me a
> line if you have tried it!
>
> Tommy SM7PAF

No. The FT-50R *does not* support cross band. You can monitor only one
band at a time.
--
["That's just my opinion. I could be wrong" - Dennis Miller
[
[Jerry Hogsett N6CCM (home) jerry@hogsett.com
[POB 636 RWC CA 94064 (work) jhogs@micrografx.com
[(500)-G-HOGSETT http://www.hogsett.com

4058. Re:IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Phil Scott <pscott@baynetworks.com>
Message-ID: <4prsah$ait@news-read-1.PeachNet.EDU>
Source record: 199448

In article 4pj39u$h5s@usenetw1.news.prodigy.com,
FBUL85A@prodigy.com (Rob Curtis) said:
>
>I have read a few post regarding the programming kit for the ft-50r
>but
>HRO says it hasn't been released yet. What gives? Anyone?
>
>Also, I would liek to hear from folks who have a curios ticking on
>the rx
>end in 153.xxx range. My radio will tick as it scans, but not stop
>the
>scan or open the squelch completely. Is it picking up a weak
>signal or
>something? It is happening mostly on a local police dep. channel.
>Would
>the CTCSS tone keypad cure the problem, assuming I used the PD's pl
>tone..
>?
>
>One more note. In general, thanks to everyone that has posted or
>replied
>as I try and get a handle on all this radio stuff. I've learned
>quite a
>bit with your help!
>
>-Cheers
>Rob.
>-
> Rob Curtis
> Staff Photographer- Sun-Journal/Sunday, Lewiston, ME.
> FBUL85A@prodigy.com
>
>
>
>
WHile the Yaesu Product may not be out, RT Systems was selling the sw for the FT-50 at
Dayton...make sure you get the latest version as the original had a problem.
Phil Scott N3KDJ

4059. Odd TVI Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Keith Poole <kp2a+@andrew.cmu.edu>
Message-ID: <klkLoJO00iWUI2pqQs@andrew.cmu.edu>
Source record: 199449

I am having an odd TVI problem. I have an ICOM IC765 running about 70 watts on the 3rd floor of my house with no practical outside ground (no choice about where to put the equipment). However, I do run a coax down to several ground rods 3 floors below. I have a TV set hooked up to a cable TV 6 feet away from my equipment and I can see no interference on that TV. However, down on the 2nd floor of the house, when I'm on 10 meter CW I tear up the TV set down there! When I'm on 17 meter CW, I tear up the VCR on the 2nd floor when its recording but NOT the TVs! I presume that the RF is somehow getting into the cable line??? But why isn't it interfering with the TV set that is also hooked to the cable but only 6 feet away from the transmitter?

I would appreciate any recommendations & advice. Can I purchase some simple filters for the TVs & VCR that will stop the RF from getting into them? My wife is very unhappy.

Thanks.

Keith Poole K7MOA/3 Pittsburgh, PA
K7MOA St. Helens, OR
W6UE member, CITARC, Pasadena, CA

4060. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DszyuB.708@hpqmoea.sqf.hp.com>
Source record: 199450

William E. Sabin (sabinw@crpl.cedar-rapids.lib.ia.us) wrote:

: That was the "good old days". The mechanical filters these days are a
: whole new ball game.
: Bill W0IYH

Nice understatement!

QEX with your article on them reached these shores a few days ago. Any rough guide to prices, Bill? I know someone who is interested in using them in his kits.

Cheers
David GM4ZNX

4061. Re: HTX-202 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: 72527.01012@compuserve.com
Message-ID: <4ps675$1dt@arl-news-svc-4.compuserve.com>
Source record: 199451

> > Does anybody know if the htx-202 can be modified to operate outside the
>> 2 meter band? I am a commercial radio technician and it would make a
>> handy test instrument. Thanks for any help! Please e-mail me.

>No, it cannot. The HTX-202 is an amateur radio transceiver, not a signal
>generator. It was specifically designed by Tandy to NOT be capable of
>out-of-band operation.
>As a commercial radio technician, you should already know that it is
>illegal to operate any transmitter that is not type-accepted by the FCC on
>frequencies where type acceptance is required, which includes Parts 80,
>90, and 95. There is no exception listed in the FCC rules for technicians
>with "a handy test instrument."
>--
>Karl Beckman, P.E. < If our English language is so >
>Motorola Private Data Systems < precise, why do you drive on the >
>Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
>(847) 576-0992 / (216) 265-2092
>** Opinions expressed here do NOT represent the views of Motorola Inc. **
>--
>Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

That's funny! I read his request over and over again
and I fail to see where he said that he planned to transmit
on frequencies where type acceptance is required! Maybe using
a modified radio as an extra receiver does not make it "a handy test
instrument". I guess the English language is not precise enough to need
the word "transmit" before we assume what he means!

Steve

4062. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: "William E. Sabin" <sabinw@crpl.cedar-rapids.lib.ia.us>
Message-ID: <31C1C4E9.7086@crpl.cedar-rapids.lib.ia.us>
Source record: 199452

David Stockton wrote:
>
>> QEX with your article on them reached these shores a few days ago. Any
> rough guide to prices, Bill? I know someone who is interested in using
> them in his kits.
>

Hello David,

Very nice to hear from you again. The filters mentioned in the article sell for about $93 each in small quantities but drops considerably in quantities of 10 or more (I inquired just recently). I know that is a lot of $US in Scotland. I do recall that you asked once before if I could help out in that regard. Unfortunately, I would not be able to be of much help because of the legalities involved.

They are very nice filters, though, and I did a lot of work with them during the preparation of the RF Design/QEX article. Yaesu is now using them in a new Ham Xcvr.

If you and your friends wanted to do a group buy you could contact:

Bob Johnson
Rockwell Filter Products
2990 Airway Avenue
Costa Mesa California 92626
FAX 714-641-5320

73, Bill

4063. Re: Info on size/trends in the ham radio equip mkt?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DszwDr.Fyp@iquest.net>
Source record: 199453

Neil Rimer <neil@index.ch> wrote:
>Hello,
>
>I am looking for information on the size of and trends in the world
>market for ham radio equipment.
>
>Do any of you know of any studies published on this subject and where I
>could get a copy?
>
>Any help or guidance in this regard would be greatly appraciated.
>
>Thanks,
>Neil Rimer

Contact Kenwood; they seem to think they know the market well, thus must be from collected data. : ')

4064. Re: Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: jpss@ais.net
Message-ID: <jpss-1406961405150001@ts02-20.dialup.ais.net>
Source record: 199494

> Ken Bessler (KG0WX) wrote:
> > I can't recommend the 50r. There have been WAY too many problems
> > reported!

Hey Ken what are the "WAY too many problems...." ?

I have 2 of them and they both work outstandingly both as a HT and a
neat scanner.

The big complaint I see is those folks who spent the money to use it as
a broadcast band monitor. Big deal the wrong filter is in it.

To each his own. Later

4065. Re: The German (ham) pyche (Reply Part 1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4psdh7$spu@crash.microserve.net>
Source record: 199495
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

arden@teleport.com (Arden Eby) wrote:
>jackl@pinetree.microserve.com (WB3U) wrote:

>>My definition is objectively derived from socialism's primary
>>mandate - economic control and regulation. Socialist governments
>>take earnings and other property without permission of the owners.
>>That's theft. Compliance is achieved through the threat of force.
>>That's extortion.

>No. Socialism's primary mandate is the nationalization of the
>means of production.

Focusing on "means of production" is the method by which the
socialist prevents politically ignorant followers from
detecting his true motives. In fact, his platform is one
that promotes the control and enslavement of all citizens,
producers and consumers alike.

In contradiction to this trickery, Webster's clearly states
that socialism is "a theory of social organization based on
government ownership, management, and control of the means of
production AND the distribution AND exchange of goods. This
definition not only covers every aspect of the economy, but
also of the very means by which individuals sustain life.

>ALL states that produce currency participate in economic
>control and regulation.

Economic control through manipulation of the money supply
and other means is merely one tool by which socialism
empowers itself at the expense of the individual. As a case
in point, by printing currency for its own unproductive use,
and by refusing to pay its debts in a manner consistent with
economic morality, the socialist government exacts payment
for its sins through devaluation of existing currency. In so
doing, it steals from evey citizen, including the precious
"worker" which it otherwise claims to exhalt above all else.

>Socialists accept a labor theory of value. This states that
>the only value in any commodity is based on the labor that
>went into it.

Such theories are demonstrably false and serve only to bring
the socialist to power. Their promotion creates resentment
and greed within the population, uniting the masses against
an invisible and nonexistent enemy.

That said, in your example of the production of the chair, no amount of labor will render it of value if it only has two legs. It should be evident to any rational person that labor alone is not the determinant of its value.

>In exchange for this the workers receive a wage. Since
>ALL of the value that went into the object is the product
>of labor, the wage should equal the total of that labor.

No, the value of the chair is determined solely by its perceived desirability to those able to buy it. In a free society (which is NOT the goal of socialism), the buyer is allowed to determine its worth through his decision to purchase it. Government intervention in this process, through regulation of the availability and price of all chairs, denies the purchaser the right to determine the value of such products for himself. Considering that the purchaser is also a worker, governemnt has thereby forced all workers to buy necessities of life which may have a value far less than what could otherwise be justified, and has rendered those workers captive to a single source. In this way, socialism supports those in power through theft of the workers' earnings.

> Does it? No. Why not?

The Big Lie of socialism is coming up.

>Because this equation has failed to factor in profit. The
>business owners (let's posit a large number of stock holders
>for the sake of argument) do absolutely nothing for society.
>They have not had a hand in transforming the valueless
>into the valuable, yet they are still getting paid. How?
>Because, via profit, they are STEALING value from the workers.

The business owner(s) are entitled to whatever profit results from the sale of the chair by virtue of the fact that they have paid everyone concerned for the right to own it. Because they own it, they are morally entitled to sell it, scrap it, or use it themselves. They are obligated to no one.

By pitting workers against business owners (who are workers themselves), socialism grants itself absolute control over all citizens. It denies the right of the business owners to do as they wish with the products they have paid to produce, and in so doing, it denies the right of all citizens to the sovereign ownership of property.

>Thus PROFIT equals theft, not taxation.

This is ludicrous. The laborers' hours and wages are the result of entering into a VOLUNTARY agreement with the owners. Taxes demand payment from workers under THREAT OF FORCE.

>People with your mindset have fallen for the great con--the
>real thieves have deceived you into believing that the so-called
>government (which is really the collective will of the people)
>is the enemy when, in fact, it is the business owners.

What exactly is the collective will, Arden? Is it the will of 50% of the people? More? Less? Who compiles the individual opinions necessary to determine collective will? Which topics is the collective will based on? Economics? Politics? Favorite color toilet paper? Who determines the topics to be considered and their relative importance?

The summary answer to all the above may be stated in one sentence: COLLECTIVE WILL is constituted solely by opinions that are formed of, by and for the government. It is falsely claimed to represent the wishes of people who not only don't agree, but who are incapable of being homogeneously defined. It further assumes that those in government, in their infinite wisdom, know what is best for their subjects and are incapable of being seduced by the availability of unearned (and nearly unlimited) money and power. The irony to this is that creation of unearned money and power is the sole basis by which socialism survives.

In any event, there is NO such thing as COLLECTIVE WILL. It is merely a tool used to empower government at the expense of the freedoms of its citizens, and it has been used by every tyranny on the planet to subdue individual citizens for purposes of extorting their labor, property and earnings. COLLECTIVE WILL is, in fact, the will of the GOVERNMENT, not the will of the individuals which such governments claim to represent. There are NO exceptions to this in the entire history of man.

>Unless of course you ARE a business owner, in which case you
>are a thief yourself.

You certainly haven't proved it, nor will you.

Before leaving this topic, I want to mention one other thing to U.S. readers. Arden's post presents socialist views that are overtly recognizable as such to many people. However, socialism is an instrument of government that can manifest itself in many forms. Arden's view of a world in which a classless society is governed by an omnipotent government is much nearer, and considerably more likely to evolve in full, than the free society desired by our forefathers. It is the product of those who seek power over others, and our continued refusal to recognize it for what it is will lead to its certain implementation.

I will reply to the section of this post relating to spectrum and Amateur Radio in a second article.

73,
Jack WB3U

4066. FS: Tandy 1000 HX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: glapierre@seimac.com
Message-ID: <4psdkf$hhf@thor.atcon.com>
Source record: 199496

For sale from now and untill June 19, a Tandy 1000 HX computer with special printer cable. Will pay for shipping in Canada. $ 45.00
Greg

4067. Re: Odd TVI Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4psei3$ig4@newsbf02.news.aol.com>
Source record: 199497

Hi Keith,
In article <klkLoJO00iWUI2pqQs@andrew.cmu.edu>, Keith Poole
<kp2a+@andrew.cmu.edu> writes:
>
>I am having an odd TVI problem. I have an ICOM IC765 running about 70
>watts on the 3rd floor of my house with no practical outside ground (no
>choice about where to put the equipment). However, I do run a coax down
to
>several ground rods 3 floors below.

I wonder why you use coax? I'd use wide smooth flasing for a lead, it has
less resistance and lower impedance.

In any event, it'll be hard to get a good RF ground up on the third floor
with using a large counterpoise near the rig.

>I have a TV set hooked up to a cable
>TV 6 feet away from my equipment and I can see no interference on that
TV.
>However, down on the 2nd floor of the house, when I'm on 10 meter CW I
tear
>up the TV set down there! When I'm on 17 meter CW, I tear up the VCR on
the
>2nd floor when its recording but NOT the TVs! I presume that the RF is
>somehow getting into the cable line??? But why isn't it interfering with
>the TV set that is also hooked to the cable but only 6 feet away from
>the transmitter?

Different equipment and different locations, I would guess. The single
most effective thing I have ever done to elimate TVI is grounding the
cable TV shield to the power line safety ground (that's the bare wire
connected to the metal box) at the outlet serving the equipment, and bring
all the cables (power and antenna) up to the TV-VCR in one bundle. That
stops RF ground loops through the TV-VCR.

73 Tom

4068. Re: Mic for use in motorcycle helmet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Jerry A Kreifels <Jerry_A_Kreifels@ccm.fm.intel.com>
Message-ID: <4psas7$q8d@news.fm.intel.com>
Source record: 199498

Todd,

You might try the Nady headsets that come with their wired intercom. The whole intercom (rider to passenger) runs about $70-80, cheaper from JC Whitney. One of the cycle magazines, I think it's Cycle World regularly has an ad for the systems.

You can buy just the headsets for about $24 each plus shipping. I've used one for my HT, and it seems to work alright. I've had good reports on the audio, and it doesn't seem to pick up wind noise. I made a simple adapter for the mini-stereo plug to fit my FT-530. I haven't been using it lately because wind noise is to loud for me to hear incoming audio (time to buy a new helmet.)

The design is a thin speaker enclosure with microphone on a flexible goose-neck. Cable and plug is similar to light-weight stereo headphones. You can velcro it into your helmet, or just stick it in each time you pull the helmet on (my method.)

Good luck. If you want more info, I can look up the ad and give you a name, address, phone number. Let me know.

Jerry

--
Jerry, KO6JV (Sacramento CA area)
Jerry_A_Kreifels@ccm.fm.intel.com
"My opinions, not my employer's."

4069. Re: FTP site for mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960614115601515@atdbbs.com>
Source record: 199499

>>...mods for the Kenwood TM 733...

I found two on ATD BBS, FYI...

ATTENTION to Details Landline BBS specializes in Amateur
Radio, telecommunications law, online privacy issues, and
related topics...as well as offering the finest Shareware
products available - from the Association of Shareware
Professionals!

The BBS telephone number is 909-681-6221 (Riverside, CA).

Official Bulletin Station of the American Radio Relay League

Supporting BBS Member: Association of Shareware Professionals
Electronic Frontier Foundation
Educational Software Cooperative
Association of Shareware Professionals

* ARRL File / Message Areas * GMRS / REACT Information
* Amateur Callsign Database * Online Legal Advisor
* Classified Ads * JFK Assassination materials
* File Request Service * Packet Terminal Access

ATD BBS is operated by a Member of the Association of Online
Professionals, and is managed in compliance with the AOP Code
of Professional Standards.

Clint Bradford, KE6LCS - System Operator
Voice Support (909) 681-6210

clint.bradford@atdbbs.com
---
* TLX v4.00 * Time flies like wind. Fruit flies like pears.

4070. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960614115601516@atdbbs.com>
Source record: 199500

>>Does it occur even in the current production models?

I have used my 1994-era HTX-202 on all-day events on 12VDC - either an Icom battery, or a Quantum HAM Battery at 12VDC. No problems whatsoever using rubber duckie antennas.

clint.bradford@atdbbs.com
---
* TLX v4.00 * ATTENTION to Details BBS - 909/681-6221 - EFF/AOP/ASP

4071. Re: Yaesu FT-50R Crossband

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: jspatric@mailhost.ecn.uoknor.edu
Message-ID: <4psepl$t4f@frazier.uoknor.edu>
Source record: 199501

user@memo.ericsson.se (Tommy Karlberg) writes:

>Hi there!

>Can anybody tell me if the FT-50 can operate as crossband repeater? It
>should be able to go from 2meter to 70 and 70 to 2meter without any
>reconfiguration. I'm thinking about selling of my old duobander and
>get somthing newer and I need to be able to do this. Please drop me a
>line if you have tried it!

>Tommy SM7PAF

The FT-50R has a single receiver/transmitter, with multiple VCOs.
Therefore, it can *NOT* act as a cross-band repeater. That's what was
sacrificed to make it so small, and relatively inexpensive.

Other than that (and the "wide" FM problem) I'm rather pleased with it.
Now, I just have to take the test and get my ticket. It's tomorrow
(june 15). Wish me luck! (I'm going for tech+, possibly general, if I
can hack the 13 wpm)

John
--
John Patrick (jpatrick@ou.edu)
Electrical/Computer Engineering Senior @ The University of Oklahoma
* John's EE Page: <http://www.ecn.uoknor.edu/~jspatric/ee-info.html> *
Check it out!

4072. Help! Need books on amateur and professional radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Anargiros Rentezelas <arkadia@compulink.gr>
Message-ID: <31C20DEC.466A@compulink.gr>
Source record: 199502

Dear group,

Can someone please help me end my total ignorance by giving me a list
of books on how to start an amateur and professional radio station.

Thanks.

Anargiros

4073. WTB: Collins 51S-1 or 51S-1B

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: jrybak@mesa5.Mesa.Colorado.EDU
Message-ID: <4ps9mp$64o@mesa5.mesa.colorado.edu>
Source record: 199503

I would like to buy a Collins 51S-1 or 51S-1B receiver in excellent+ to
mint condition.

Thanks.

Jim Rybak W0KSD

4074. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: bowman@montana.com
Message-ID: <4ps44g$8bb@maw.montana.com>
Source record: 199513
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4phcpi$cpj@sjx-ixn6.ix.netcom.com>, disalvo@ix.netcom.com (Samuel R. DiSalvo) says:
>Sometimes when he keys up on it, he gets an error
>message <ER-2>. Is anyone familiar with this and what it might mean.

reading from the FM, Er2: PLL Unlock Error

Er2 indicates the transceiver's PLL section has unlocked. Have the
tranceiver repaired by an authorized Radio Shack service center.

4075. Re: Equipment from a silent key...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: wermusic@initco.net
Message-ID: <4psovv$129@mercury.initco.net>
Source record: 199514

>: widow, and an adult daughter, both of whom I am acquianted with. I would
>: very much like to buy his equipment from them, and was wondering how I
>: could tastefully go about doing this?
>: Thanks,
>: Josh - N3XGR
>: n3xgr@prodigy.com

Well Since you KNOW them (neighbors) you might just pick an
appropriate time and indicate your interest in his equipment. You
might say that it would be an honor to use the equipment of the person
you got your start from, etc etc..and it would be a plus from them to
not have to attempt to find VALUES for the PROBATE, etc.....
??
cam

4076. TM-733 Demo Mode Reset?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Bob Powers <bob@ia-ngnet.army.mil>
Message-ID: <01bb5a36.cc2c26c0$85326084@dpi02.ia-ngnet.army.mil>
Source record: 199515

I have both a Kenwood TM-732 and TM-733 and have a slight problem with the 732. I have put it into demo mode and don't know how to reset it. My 733 has this feature mentioned in the manual and how to enable/disable it but the button-strokes must be different because it won't work with my 732.

What the demo mode for those that don't know is: It cycles through all the indicators, all the LED's flash the backround light goes through dim to bright and the signal strength meter runs from S1-S9 and back continuously. It also display HELLO and Enjoy Hobby on the display.

The radio still works but this is a real nusciance. If anyone knows how to turn this off without doing a total system reset, let me know please. If you could email me direct I would appreciate it.

Bob Powers
N0YKX
bob@ia-ngnet.army.mil

4077. Re: Kenwood TH-79 MODs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Larry Rothman <larryr@tor.comm.mot.com>
Message-ID: <31C1D17E.2390@tor.comm.mot.com>
Source record: 199516

Check out this ftp site in Finland. It has mods for the TH79.
ftp://ftp.funet.fi/pub/ham

JeSung Park (kornet) wrote:
>
> Hi,
> I have been looking for MODs forTH-79 in the RX.
> This one is fixed 144-146 and 430-439.
> I want this one have about 130-170 and 800-900.
> Please let me know the MODs.
> Thanks in advance.
>
> Park
>
> eccolo@soback.kornet.nm.kr

--

Larry Rothman Motorola Canada LMPS
System Administrator 3900 Victoria Park Ave
Toronto Design Centre North York, Ontario
Phone: 416-756-5738 Canada M2H 3H7
Email: larryr@tor.comm.mot.com FAX: 416-756-5643

4078. Re: Best HT for =< $350 (?)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31C21D92.4159@southwind.net>
Source record: 199517

Skip Allison wrote:
> btw, the Alinco DJ580 has been out of production for a couple years.

True, but it can be found as closeouts at some stores for a real bargain.
Also, the 582 is almost identical and is newer. AES has the 582's in stock
for about $360. They have a used 580 for $299 and demos for $197 (poss typo).
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

4079. Re: The German (ham) pyche (Reply Part 2)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4psr36$4bm@crash.microserve.net>
Source record: 199518
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

arden@teleport.com (Arden Eby) wrote:

>Now, getting away from economics per se, what about "regulation?"
>Let's use amateur radio as an example. There are no doubt
>individuals who would like to end all frequency regulation
>whatsoever. However, this would OBVIOUSLY make the bands unusable.

Hold on there, Arden, its not obvious to me. Owning land
without government regulation doesn't make it unusable, nor
does owning a business, a house, a computer, or anything else.
Why couldn't I own, say, 70 MHz to 71 MHz? What would make
it unusable, and why is it reasonable to expect it to be
usable when the government grants it through a license, but
not when I own it outright?

>Thus, all of the good things we do in Ham radio, ARES, MARS,
>RACES, SAREX, Handi-Hams, would be wiped out. To paraphrase
>Hobbs, in such an environment, our "amateur radio experience"
>would be nasty, brutish and short.

Maybe, maybe not. Maybe we would all say the heck with
ham radio, sell our homestead frequencies and retire
to St. Bart.

>However, we as a people, through our representatives have
>determined that if we regulate the bands they will be more
>useful and more enjoyable than if they were left unregulated.

When did we do that? In the U.S., the great majority of
people had no voice whatsoever in determining the use to
which the spectrum was put. In fact, most of the U.S.
population wasn't even aware of the need to make such a
decision, and no representatives were elected on the basis
that they were qualified to do so.

Also, in the U.S., the final result was a mixture of the
desire by the U.S. military to confiscate all frequencies
for its own use, and Congress, who finally (by a narrow vote)
decided the military shouldn't be allowed to accrue that much
power in comparison to itself. Congress won this power
struggle only because of the Constitution of the U.S.

>Most hams WANT regulation of the ham bands because clearly
>such regulation is in the best interest of EVERYONE.

Bullcrap. Most hams want regulation because it provides
them with free spectrum.

>Is it really such a stretch to imagine that there might be
>other areas of life in which such regulation might be desirable?
>Today I got a notice from my city that I had to trim my tree.
<snip>

The remainder of this presentation serves only to accuse
the opponents of socialism of being anarchists. While I
believe that is not the case, it is irrelevant to this
discussion and does not represent my own beliefs.

73,
Jack WB3U

4080. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: egroen@inter.nl.net
Message-ID: <Dt0GHK.2wp@inter.NL.net>
Source record: 199519
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

jackl@pinetree.microserve.com (WB3U) wrote:

> arden@teleport.com (Arden Eby) wrote:
> >jackl@pinetree.microserve.com (WB3U) wrote:

>>>With all due respect Arden, you've read much more into my
>>>posts than was intended. I have no desire to dissect the
>>>inane perversities of the various socialist sects, nor do
>>>I find such scrutiny necessary in order to accurately
>>>describe their members as thieves and extortionists.

>>Well if you define the term "socialism" as "perverse thieve
>>and extortionists," then the Nazi's were certainly "socialists."
>>However, please realize that this is a highly idiosyncratic
>>definition.

>My definition is objectively derived from socialism's primary
>mandate - economic control and regulation. Socialist governments
>take earnings and other property without permission of the owners.
>That's theft. Compliance is achieved through the threat of force.
>That's extortion.

What is wrong with some economic control and regulation?
I don't see anything about stealing there.....
If you mean confiscating property I think you are a bit confused with
communism or some lowlife dictatorship.

>If my definition is idiosyncratic, Webster's Dictionary isn't
>as truthful as I thought. ;)

>73,
>Jack WB3U

4081. Re: Quick Call 2?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: summitrt@aol.com
Message-ID: <4pt9jh$s2p@newsbf02.news.aol.com>
Source record: 199520

I was at a recent two-way radio trade meeting and we heard rumor that Yeasu has a new radio coming out , dual band, CTCSS and DPL and Quick Call 2. I am certain that they are looking for the Ham/Almost Commercial but not FCC type accepted user with an easily modified radio.

Who know's what to expect. This information has not been confirmed by myself.

Bob Kassel
Summit Radio & Telephone

4082. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: summitrt@aol.com
Message-ID: <4pta1e$s9v@newsbf02.news.aol.com>
Source record: 199521

At least the for sale posts are ham related, most of the rec.radio.swap
posts
are for used commercial radios.

Just my 2 cents!
73
Bob

4083. Re: What does DISCRIMINATOR term means ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Brad Adams <beadams@edge.net>
Message-ID: <31C240AB.259E@edge.net>
Source record: 199522

Bob Lewis wrote:
>
> Oleg Melnikov wrote:
> >
> > Hi folks,
> >
> > What does "Discriminator " term means ?
> > How can I identify it on the wiring diagram of my Radio
> > (radio with NFM mode) ?
> >
> > Thanks in advance.
> > Best regards.
>
> Perhaps a direct discrimintor audio output (before deemphesis) to drive
> a sub-audible decoder or 9600 baud packet?

The discriminator circuitry is found in the receiver of your
radio. It follows the last IF stage which is usually 455 Khz. The
discriminator circuit separates the audio content from the RF signal and
passes it on to the audio stages in your receiver. In most radios today,
the discriminator is found in an IC which contains the last IF stage and
the discriminator. The output of this IC is the audio content. A common
IF chip of this nature is a Motorola 3359.

Hope this is helpful.

73,

Brad - N4PYI

4084. Re: Help! Need books on amateur and professional radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31C21D1E.1CFB@pactitle.com>
Source record: 199523

Anargiros Rentezelas wrote:
>
> Dear group,
>
> Can someone please help me end my total ignorance by giving me a list
> of books on how to start an amateur and professional radio station.
>
> Thanks.
>
> Anargiros

Try looking at Radio shack or at Ham radio outlet...

have fun..... kc6wfs
http://www.geocities.com/Hollywood/5860
--
Dave Booth

4085. Re: Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: ross@aimnet.com
Message-ID: <ross-1406962110450001@dial-bp1-4.iway.aimnet.com>
Source record: 199524
Cross-posted to:
alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <4po57i$7o5@suba01.suba.com>, andyb@qni.com wrote:

> fwhitehurst@ezdial.com (David Whitehurst) wrote:
> > Does anyone know if the RS frequency counter is any good? How
does it compare to say, the Optoelectronics' Cub/Scout??? Tnx! David
N4ZGT.
> >
> The RS unit is simply a no frills frequency counter. For $100 it is OK.
> Mine works fine. It displays a frequency for the duration of the
> transmission. If you miss it, it is gone........

There is a mod that adds a hold button. Check the regular mod sites. It
makes a real difference in the usefulness of the counter.

Gary
--

Gary Ross
ROSS@AIMNET.COM
ROSSMAN@AOL.COM

4086. Yaesu FT-767GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: rene alona <rnpirb@sonic.net>
Message-ID: <31C23D9C.29BA@sonic.net>
Source record: 199525

Yaesu FT-767GX general coverage transceiver (10-160M)
w/ 2m,70cm & 6m modules, FTS-8 tone squelch, RS-232 C interface for
packet use or computer interface (w/ program). Excellent condition.

Will accept serious offer and accept payment COD, managers check, money
order.

Call me (707)763-3709 leave a message or Email rnpirb@sonic.net.

ke6kqu

4087. Impressions of ICOM "IC-DELTA-1A" HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDt0Dx0.KMs@netcom.com>
Source record: 199526

Are you now or have you in the past used the "DELTA-1A" HT (the one with 2M, 70CM, 23CM)? Your impressions?

73 Dave WB0GAZ dgf@netcom.com

4088. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-14 00:00:00 UTC
From: "Don P. Wittlich" <dwittlic@apci.net>
Message-ID: <31C24CE2.44A8@apci.net>
Source record: 199527

William E. Sabin wrote:
>
> David Rickmers wrote:
> >
> > >MECHANICAL filters, are more difficult to design & manufacture, but are nearly free of these "ringing" &
> > >"ripple" effects.
> > >Out of passband attenuation is much greater in these filters, and IMD levels are much lower too.
> > Mechanical filters have an almost square "shape", but yield extremely
> > high harmonic artifacts; luckily these are easily filtered with
> > conventional techniques. Their insertion loss is significant,
> > requiring an extra stage of i.f. amplification.
> > (Paraphrasing Collins brochure from the '50s)
>
> That was the "good old days". The mechanical filters these days are a
> whole new ball game.
>
> Bill W0IYHPlease elaborate, Bill. I know the technology of modern mech filters may use torsional movement, and may be more economical, but are the old style ones better in any way?
Don WN9V

4089. Re: Kenwood's new Marketing Plan

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4ptd8m$a53@crash.microserve.net>
Source record: 199528

algollom@interlog.com (Alan Gollom) wrote:

And the bad news is . . .

>The company also denied rumors that it plans to exit the
>Amateur Radio market.

73,
Jack WB3U

4090. FT-50r, Know how to play game?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: FBUL85A@prodigy.com
Message-ID: <4ptcpd$lr6@usenetw1.news.prodigy.com>
Source record: 199529

Has anyone else found the game function of the FT-50r? I can't figure out how to play, keep getting a zero score...

I wonder what else is hidden in the innards (small as they are) of this thing?!?!

Cheers
- Rob Curtis
Sun-Journal/Sunday
FBUL85A@prodigy.com

4091. Optoelectronics 2600ha freq counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4pt6fm$c37@news.cais.com>
Source record: 199530

Anyone have any experience with the Optoelectronics' 2600HA frequency counter? Does it rate as a "sniffer"?? How does it compare the "cub"? I have to be right on top of the signal source to get a reading most of the time!
David. N4ZGT.

4092. HTX 212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: sami@cisco.com
Message-ID: <4ptj37$gel@cronkite.cisco.com>
Source record: 199531

What are peoples' opinions on Radio Shack's HTX 212 2-meter mobile?
Apparently, price has been reduced to $269.

--
Sami Boulos | | Cisco Systems, Inc
sami@cisco.com .|. .|. 170 West Tasman Drive
Tel: (408) 527-3470 .|||. .|||. San Jose, CA 95134-1706
Fax: (408) 527-2333 .::::::::::::::.

"C is a language for consenting adults, Pascal is a language
for children, and Ada is a language for hardened criminals."

4093. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4pts17$fi0@crash.microserve.net>
Source record: 199532
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

egroen@inter.nl.net (Enno) wrote:
>jackl@pinetree.microserve.com (WB3U) wrote:

>>My definition is objectively derived from socialism's primary
>>mandate - economic control and regulation. Socialist governments
>>take earnings and other property without permission of the owners.
>>That's theft. Compliance is achieved through the threat of force.
>>That's extortion.

>What is wrong with some economic control and regulation?
>I don't see anything about stealing there.....

Hi Enno,

The answer to your question is not simple, but it can probably
be answered reasonably well by the following:

[What is wrong with some economic control and regulation?]

First, economic control as I believe you mean it is legislated
in the name of "the public interest." Variations include the
"national interest," "public good," "society" etc.

The problem with this is that there is no such entity as
"the public." "The public" is actually only a number of
individuals. Therefore, any law that purports to place the
"public good" above the interests (rights) of private
individuals can do so in only one way - by giving the
rights of some individuals precedence over those of others.
In so doing, the government grants itself the power to deny
the rights of individuals of its choosing, in effect
reducing the rights of all to merely privelages.

If you're still not certain why this is wrong, let me know
and I will attempt to explain a few of the concepts that
differentiate moral from amoral society.

[I don't see anything about stealing there.....]

Irrespective of government-recognized paperwork such as
deeds and titles, ownership is evidenced in part by one's
ability and right to control the possession and use to
which property is put, said property having come into the
owner's possession by moral means. As such, no other
entity can exert control over the property without denying
the rights of the legitimate owner, and without ascribing

the rights of ownership to itself.

Because of this, it is not possible for government to dictate any aspect of the possession or use of earnings or property (assuming such use does not infringe upon the rights of others) without seizing the right of ownership. Further, as most citizens will naturally resist such attacks on property they own, compliance is usually achieved not by purchase or other moral means, but by threat of force.

So, in direct response to your statement, the government must deny the rights of private individuals in order to control their property. Unless such control is exercised to enforce payment of legitimate debt, it is theft. This principle applies to all forms of economic control.

>If you mean confiscating property I think you are a bit
>confused with communism or some lowlife dictatorship.

Labeling various philosophies as fascist, Marxist, communist, etc. is merely a means of describing the extent to which socialism is employed, and the exact methods by which it is enforced. All these governments share certain brutal similarities regarding confiscation of property and earnings. The underlying philosophy in every case is socialism, and the U.S. has succumbed to it as well.

As a side note, socialism may also be rightly called a form of collectivism, statism or authoritarianism. All are substantially contradictory to the efforts of our founding fathers, and it is important to realize that the U.S. was the FIRST nation in history to ever put them aside in favor of a moral society based on individual rights.

Unfortunately, the U.S. has since managed to screw this up. We are now much like the rest of the world, which has never fully grasped these concepts, let alone put them into action.

Anyway, if you are interested, I will be glad to post an example or two of socialist-sponsored confiscation and extortion in America.

73,
Jack WB3U

4094. Re: Mic for use in motorcycle helmet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: pbutlalj@ia.net
Message-ID: <4ptkiq$sdv@hera.ia.net>
Source record: 199533

In article <tgoins.2.1112FB09@accessone.com>, tgoins@accessone.com says...
>
>I'm looking for a good noise cancelling microphone to use inside of a
>motorcycle helmet with an HT.

>The biggest problem is the pick-up of wind noise as it's howling
>through the helmet,

since I already have
>several HTs I thought that maybe I could make them work. Any ideas?

Todd:

Why not try a throat microphone. It works directly off the
vibration of the throat and does not rely on the air pressure around it to
work.

Don't try a microphone/ear piece in one unit. There is
susceptibility in those units to wind noise picked up when one opens their
mouth to speak.

Allan Butler KA0IES
ajbutler@ia.net
http://www.rf.org/farmers/ka0ies.html

4095. Juns Electronics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: Sean Nixon <nixon@actrix.gen.nz>
Message-ID: <31C2959E.5350@actrix.gen.nz>
Source record: 199534

Have Juns disappeared from the net.
I was trying to contact them prior to my next visit to LA.
Any info please?

Thanks

4096. Re: FTP site for mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: Sean Nixon <nixon@actrix.gen.nz>
Message-ID: <31C29640.3347@actrix.gen.nz>
Source record: 199535

Christian Reineke wrote:
>
> On 3 Jun 1996, Roberto Munoz wrote:
>
> >
> > Hello everybody...
> >
> > Some months ago I had a FTP site where I could find a lots of mods for
> > radios. A terrible virus named "BARROTES" came on my O.S and clear all my
> > partitions with deleting all...
> >
> > I need to know where is this site on internet. I need to make a mod on my
> > TM733 ...
> >
> > Many thanks ! 73s
> >
> > -- Roberto
> > ____
>
> ...Try the following FTP sites in germany:
>
> epix.rrze.uni-erlangen.de/pub/pc-freeware/hamradio/rigmods or
> afutub.extern.tu-berlin.de/pub/ham-radio/mods

This is where I get mine...
http://oak.oakland.edu:8080/pub/hamradio/mods/yaesu/
you can back out of Yaesu and into all the other manufacturers

4097. Re: What does DISCRIMINATOR term means ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: "William E. Sabin" <sabinw@crpl.cedar-rapids.lib.ia.us>
Message-ID: <31C2B277.4273@crpl.cedar-rapids.lib.ia.us>
Source record: 199536

A discriminator is a person who keeps belly-aching about "The German (ham) Psyche"

Bill

4098. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: Dave Heil <k8mn@clinet.fi>
Message-ID: <31C2AE58.266D@clinet.fi>
Source record: 199537
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

WB3U wrote:
>
> arden@teleport.com (Arden Eby) wrote:
>
> >I think you and WB3U are using equivocal terms in English.
> >Unlike the German usage, in English, "Socialist" can and
> >usually does refer to social democracy.
>
> <<snip>>
>
> >Furthermore, WB3U's idea of equating National Socialism
> >with either Social democracy or Marxist Socialism is utterly
> >laughable.
>
> With all due respect Arden, you've read much more into my
> posts than was intended. I have no desire to dissect the
> inane perversities of the various socialist sects, nor do
> I find such scrutiny necessary in order to accurately
> describe their members as thieves and extortionists.
>
> 73,
> Jack WB3U

What has any of this nonsense to do with amateur radio?

Dave OH2/K8MN

4099. Re: The German (ham) pyche (Reply Part 1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: kk5dr@io.com
Message-ID: <4puifu$87n@nntp-1.io.com>
Source record: 199538

OK, what the hell is this thread doing on this group !!
It only has a very vauge referance to ham radio.

Matthew A. Erickson
INTERNET ADDRESS; kk5dr@io.com
Location; "Middle-of-nowhere" (otherwise known as Paige,Tx.)
Occupation; Temporary resident of planet earth, (sometimes I'm the windshield, sometimes I'm the bug.)
Motto; "Infidilus non-carborundum" & "Carpia Deium" (thats latin, you know)

4100. Help Mod Standard C508

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: Joakim Gustafsson <joakim.gustafsson@comator.se>
Message-ID: <31C2519A.4DF9@comator.se>
Source record: 199539

How do I modify the C508 to TX outside 2 and 70 band?

4101. ANYONE USE A JPOLE ON 6M?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <4puket$1p9@ns1.iamerica.net>
Source record: 199540

Hello,
Does anyone have any experience with a 6 Meter Jpole? I was
thinking about building one but would like to hear more about them.

Thanks es 73's
dwhowell@iamerica.net

4102. NEED ICOM-706 MOD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <4pukar$1p9@ns1.iamerica.net>
Source record: 199541

Hello,
Does anyone have the mod's for the Icom-706?

Please send email

dwhowell@iamerica.net

4103. INFO req: Heathkit HW2036 2mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31C2E718.70AA@southwind.net>
Source record: 199542

I am looking for anyone who may have a construction manual for this rig. I need to find out the following things:

How to turn the rf output down
How to change the tone settings on the pl board
How to re-tune the rig to cover a bigger part of 2 meters

TIA & 73's
--

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx
Model railroad designing

4104. What's best way to hang a folded dipole?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: hturn@pelican.davlin.net
Message-ID: <31c2ee00.1544557@news.davlin.net>
Source record: 199543

Anyone have any suggestions as what is the
best way to hang a folded dipole?

thanks
KC5FLJ

4105. Want NEC1589 Transistor

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: askaggs@freenet.columbus.oh.us
Message-ID: <4pusm5$q9s@acme.freenet.columbus.oh.us>
Source record: 199544

I am in need of a NEC 1589 transistor, It was replaced by a ECG474 or
NTE474. If you have one of these that you are not using I would appreciate
it if you could mail it to me. I am good in the USCALLBook. Thanks Allen
--
==========
Allen Skaggs, Grove City, OH.
Packet Radio Address: NV8R@W8CQK.#CMH.OH.USA.

4106. Re: Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960615083017530@atdbbs.com>
Source record: 199545

How to add a hold function to the Radio Shack RF Frequency Counter:

Ground TP17. In the schematic, TP17 is pin one of U3, connected to
+5V thru a 47k resistor. On the circuit board, TP17 is on the display
side, just right of the lower-right corner of the IC. Grounds are about
1/4 inch below and to the right, the three non-tinned points in the large
area of metal.

I grounded TP17 directly and the display stopped. After lifting the ground,
the counter resumed counting at the beginning of a sampling cycle.

Personally, I would ground TP17 thru a 1k resistor. I haven't performed
the mod to my RS counter, since the pads are VERY small and my fine-tip
iron is at work. I will try the 1k Hold mod on Monday and give a report
(unless somebody beats me to it).

clint.bradford@atdbbs.com
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

4107. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_834861938@rtfm.mit.edu>
Source record: 199546
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb,
rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet
mailing list counterparts and complements. It is intended to serve as a
guide for the new reader on what to find where. Questions and comments may
be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October
1994 to add the discussion of non-Usenet mailing lists and streamline most
of the history discussion, and to change the moderator information for
rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became
progressively higher. First one by one, and then as part of two
reorganizations, what was once one group became many. In the process,
developments elsewhere on the net were reflected in the groups as they were
created, most notably the change to place all of the ham radio groups in one
hierarchy.

The collection of newsgroups continues to grow as more people join the net,
and as more topics of discussion gain volume, I expect to see more groups be
created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the
notable exception being rec.radio.swap. There are also a few mailing lists
that don't have newsgroups.

The Current Groups
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It's important to post messages to the group that's appropriate for them,
and not to the groups that aren't. The whole idea of having different
```

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

4108. antennas custom made

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: robby rust <talin@gte.net>
Message-ID: <31C2F6AA.49C3@gte.net>
Source record: 199547

Rockwall Antenna Can customize an antenna for your exact needs

Vist our web site (currently list PCS/PCN Antennas) and click on the Custom Antenna link to let us know what you need.

http://home1.gte.net/talin/index.htm

4109. Re: Mic for use in motorcycle helmet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: rs@ham.island.net
Message-ID: <gookPD1w165w@ham.island.net>
Source record: 199548

tgoins@accessone.com (Todd Goins) writes:

> I'm looking for a good noise cancelling microphone to use inside of a
> motorcycle helmet with an HT. It must be fairly slim line and small to be of
> any use. The biggest problem is the pick-up of wind noise as it's howling
> through the helmet, the noise cancelling operation is a must. Also any
> recommendations on an effective VOX system to use with the mic and an HT woul
> be great.

I used the old element from a Yaesu headset for an FT-207R. (With a Bell
full face helmet, and the mic embedded in the chin bar.)

I have tried VOX operation but found two main problems. The first is
that wind noise rises dramatically at speed, leading to your mic
tripping on the rig just from normal highway speed, for example. The
second is more personal, and has to do with whether or not you want all
your "comments" on fellow motorists broadcast.....

rs@ham.island.net __|
Robert Smits _/. |\
(VE7HS) CQ CQ CQ !!! < (0)
_ /__ |
( ) <_______/
\ \/ __

4110. Packet Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: maynards@pacbell.net
Message-ID: <4pv39a$nuk@news.snfc21.pacbell.net>
Source record: 199549

Anyone know how to interface a HT-600 to a PK-88. I am trying to
do this thru the HT600 speaker mic.

73
KD6PHZ

4111. Ham Tower For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: kthompso@alpha.che.uc.edu
Message-ID: <4puq15$mar@babbage.ece.uc.edu>
Source record: 199550
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.equipment

For Sale:

Ham Radio Tower. Approximately 40' tall with antenna and
rotor. I'm posting this for a neighbor so don't responed
to me. I know very little about the specs, other than the
above. For information contact:

Dave Hensley 513-755-3625
Location= West Chester, Ohio.

4112. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: mulveyr@ll.aa2ys.ampr.org
Message-ID: <slrn4s67gn.122.mulveyr@ll.aa2ys.ampr.org>
Source record: 199551

On 14 Jun 1996 23:18:06 -0400, SummitRT <summitrt@aol.com> wrote:
>At least the for sale posts are ham related, most of the rec.radio.swap
>posts
>are for used commercial radios.

Personally, I find that the used commercial rigs make far better
communications devices on the amateur bands than "ham" rigs...

- Rich

4113. Re: HTX 212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: "William O. Reichert" <billnihh@apci.net>
Message-ID: <4pv6se$ar9@queeg.apci.net>
Source record: 199552

They've got a new model out, the HTX242, so I imagine the 212s are on close out. I have one, it works OK except for one thing: in strong signal areas the squelch continually pops open and makes noise. I hesitate to call this intermod since you never actually hear anything but noise, but it is obviously strong signals outside the 2 meter band, as the lcd meter is as far as it will go. Unlike the HT, the 212 has expanded RX coverage. If you live in a more rural area, this might not be a problem. Or, you night use a strip line or bandpass between the rig and antenna. Otherwise, look for something else.

4114. New Mods for FT-50R, extends T-band TX, 220 TX and Cell-band RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: felix@netwizards.net
Message-ID: <4pv5gf$hg1@news.wco.com>
Source record: 199553

DOES ANYONE OUT THERE HAVE ACCESS TO THE NEW SOFTWARE FROM ENGLAND. I AM NOT SPEAKING OF THE SOFTWARE THAT YEASU IS RELEASING IN MAY/JUNE 1996 .. THEIR IS A DIFFERENT SOFTWARE THAT WHEN INTERFACED WITH THE FT-50R WILL EXTEND THE TRANSMIT IN THE 220 HAM AREA, T-BAND 480 TO 512MHZ AND OPEN THE COMPLETE CELL PHONE RANGE FOR RECEIVE ONLY (OF COURSE). IT IS OUT THERE!!! A COUPLE PEOPLE I KNOW HAVE THE SOFTWARE BUT, AREN'T WILLING TO RELEASE IT. ALSO, I AM NOT TALKING ABOUT THE MODIFICATION THAT CAN BE DONE BY REMOVING THE SOLDIER FROM THE PAD UNDER THE DTMF PAD.. THIS IS DIFFERENT...

PLEASE EMAIL ME IF YOU KNOW ABOUT IT AND HOW I CAN GET IT!!!!

FELIX@NETWIZARDS.NET

4115. Re: ANYONE USE A JPOLE ON 6M?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: "William O. Reichert" <billnihh@apci.net>
Message-ID: <4pv76f$ar9@queeg.apci.net>
Source record: 199554

If you are interested primarily in FM, then a j-pole ought to be fine. If you are interested in SSB, then most of the stations will be horizontally polarized and a horizontal antenna will be more helpful, especially with the locals. Even on Sporadic E, a properly acting vertical antenna can take a bit of a beating because the signals can come in at such high angles--this is why sometimes a beam doesn't show much directivity. A vertical usually doesn't do well at high angles of radiation.

4116. recomend emergency generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: JBASINGER@skybest.com
Message-ID: <4pvdcc$fdk@news1.sunbelt.net>
Source record: 199555

I am looking to buy a generator in the 350 to 500 watt range to run emergency electronics. Honda has a 350 watt unit but sells for $470 I would like to know what else it available for a lesser price tag.

jbasinger@skybest.com

4117. FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: dlangley@calweb.com
Message-ID: <4pvert$qbu@news.calweb.com>
Source record: 199556

I was wondering what sort of battery life I should be getting out of my 50R.
I recently purchased one and with 3 batteries (2 stock and 1 1100 mh) I'm
getting no more then about 12 hours of receive. Each battery test has had
about 5 minutes of transmit on them as well.
This is with my battery saver set on 3. The same battery on a friends radio
is lasting in the 20+ hours.

4118. HTX-202 For CHEAP!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: Drew@Novelideas.com
Message-ID: <4pvb46$mbj@doc.zippo.com>
Source record: 199557

I am selling my HTX 202 w/ antenna, rechargable battery, and charger.
Also includes battery pack for regualar AA batterys.
Only $100- Like New!
Also, RS-7A Power supply for $35- Excellenyt condition.... write via
email to: Drew@Novelideas.com if interested.

4119. Motorola Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: dennism@cache.net
Message-ID: <4pti8f$9h0@itchy.itsnet.com>
Source record: 199558

Does anyone have modifications for a low-band Motorola Maratrac mobile radio. I would like to get on 6 meters with it.

Thanks,

Eric
KC7BDT

4120. Re: IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31C3A367.61CF@accessnv.com>
Source record: 199559

Phil Scott wrote:

> >HRO says it hasn't been released yet. What gives? Anyone?

> WHile the Yaesu Product may not be out, RT Systems was selling the sw for the FT-50 at Dayton...make sure you get the latest version as the
original had a prob
> Phil Scott N3KDJ

Perhaps this is why Yaesu hasn't shipped any ADMS1C's yet ... THEY don't
want to ship buggy product!

Sign up with your favorite Yaesu dealer ... be patient ... and you will
get a working product as soon as they are available.

73!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4121. Re: Quick Call 2?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4pu7kr$b32@ssbunews.ih.att.com>
Source record: 199560

In article <4pt9jh$s2p@newsbf02.news.aol.com>,
SummitRT <summitrt@aol.com> wrote:

>I was at a recent two-way radio trade meeting and we heard
>rumor that Yeasu has a new radio coming out , dual band,
>CTCSS and DPL and Quick Call 2.

Look at the Yaesu ad in the back of the current issue of
Mobile Radio Technology magazine. Looks like a commercial version
of the FT50R, but with voice encryption option.
--
==========
Copyright 1996, Bob Parnass, AJ9S parnass@bell-labs.com

Find and identify transmitter sites with RadioMap(tm)

4122. Re: I want to learn about radios. Need Info!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: raf@dwroll.att.com
Message-ID: <Dt2BF2.2p2@bigtop.dr.att.com>
Source record: 199561

From article <4ppqag$fud@vixen.cso.uiuc.edu>, by wes@prairienet.org (Josh Beck):
> I have recently developed an interest in recieving and transmitting. The
> only problem is I don't have any experience in this field. If anyone has
> any reccomendations as to what might be a good sources of information or
> maybe you can send something directly enlightening i.e. The difference
> between A.M. and F.M. is ..... A few minutes on your behalf could save
> me many times that in research and your knowledge would be greatly
> appreciated.
> Please E-mail wes@prairienet.org
> Thank You!
>
I recommend Robert Shrader's "Electronic Communication". It is a good
textbook, and should help get you off ground zero. Alternately,
the Amateur Radio Relay League, in Newington Connecticut, sells
numerous books focused on amateur radio. I don't have a specific
recommendation with their books, although "Introduction to Amateur
Radio" might be a good place to start.

Richard Ferguson
KA0DXM, Boulder Colorado

My opinions are my own, not those of my employer.

4123. Re: I support the LEO and the loss of ham frequencies. - signatur.pce (0/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-15 00:00:00 UTC
From: rhackney@conline.com
Message-ID: <4puq05$rpv@news.unicomp.net>
Source record: 199562
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <4pieab$nli@news0-alterdial.uu.net>, jhawk@jax-inter.net says...

>
>Eventually, although regrettably, I also feel that hams will feel the
>pinch of technology sueeezing them ever higher in search of usable
>spectrum. However, I also feel that existing spectrum resources can
>be more efficiently utilized by projects such as LEO.
>
>-Jay Boyer N4RLL

The LEO band-grab seems very reminiscent of the way General Motors bought out community rail systems in the 40's to make way for a maximum number of GM products. (To say it's "technology" pushing hams is wrong. It's good old "politics" pushing us. Goverment is applying it's powers of imminent domain to current occupants so the "property" can be given to massive companies and/or powerful individuals such as Bill Gates and McCaw Cellular d/b/a Teledesic USA.)

The LEO systems are no different, They are a way to make all individuals pay for access to the radio spectrum on a minute by minute basis. To portray LEOs as an improvement of spectrum usage is doublethink. While we hams haven't been the best example of spectrum efficency, commercial usage has been much worse. (Unless you _really_ think satellite TV programming has no duplication and represents quality usage.)

I suspect the LEOs application to supplant/replace wireline and terrestrial telco systems will be a poor usage of our 2m and 70cm bands. Since the eventual application of this technology is to allow distribution of entertainment programming (the main use of internet accesses and the main claim to fame of LEOs) hams will have been eliminated so mom and dad could use the computer to babysit their little darlings.

Pretty ironic for ham bands to be eliminated by a technology that hams pioneered. Especially for such as useless service.

The real mistake we made was to remain (relatively) silent when 220MHz was taken, or when the spectrum sales started. We should have aggressively pushed the idea that spectrum access was more like water rights rather than private property ovnership. The die has been cast. I predict the loss of one of the two bands this go 'round. The process will eventually continue from our lowest kHz to our highest MHz as we hams can't justify free access to such valuable "property". We're obstructing _someone else's_ earning a living.

One thing I've wondered about: when these companies "buy" a slice of spectrum, how do they write off the purchase on their taxes? Is it by the ACARS method or lump sum? Is it considered "real" property or just an intangible assett? (I don't really believe that all the purchase money goes and _stays_ in the treasury. I bet it's written off and we're not really getting _anything_ in real compensation for our losses.)

Regards,
Ray, WD4MDQ

rhackney@conline.com (Ray Hackney, WD4MDQ)

4124. Starduster antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: yamaha@northnet.org
Message-ID: <4pujq8$mho@zappa.northnet.org>
Source record: 199413

Does anyone know of a supplier for the Starduster style
!/4 wave base antenna - was very popular on 11 mtrs.
years ago , until the Gov. decided that aluminum ant.
were too dangerous. Underground suppliers have
an imitation available , and I want one! Thanks... N3NDQ Jim

4125. Wanted Atlas 210X or 215X hf transceiver.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: richard@dalston.ftech.co.uk
Message-ID: <31c384c5.67557@news.ftech.net>
Source record: 199454

If anyone is willing to part with an Atlas transceiver, working or not working, I would be willing to pay a fair price. Please e mail to richard@dalston.ftech.co.uk
Please e. mail to >lyder@dalston.ftech.co.uk<
Best wishes from Northern England.

4126. OLD Yaesu - FTH-7009

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <Dt2J9M.5K3.0.-s@inmet.camb.inmet.com>
Source record: 199455

All:

I am looking for modificaiton information or any programming
type information about the Yaesu FTH-7009 handheld radio.

David

4127. Optoelectronics Frequency Counter Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: fwhitehurst@ezdial.com
Message-ID: <4pvs7s$m0e@news.cais.com>
Source record: 199456
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.scanner,alt.radio.scanner,alt.radio.shortwave,rec.radio.amateur.digital.misc

Anyone know of a web page/ftp site/etc where I can find info on mods for Optoelectronics frequency counters??? I have the 2600HA that does not have an RF bar graph meter, but supposedly can be mod'd to have one... Anyone help me out there? Tnx! David N4ZGT.

4128. FT736R CAT Interface Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: cliff bates <Pcliff@televar.com>
Message-ID: <4pvtf4$7ih@golden.ncw.net>
Source record: 199457

I recently ordered a FT736R xceiver, with a R232 interface. Naturally as things go everything arrived in fine shape but the software to control the thing. On contacting YASEU they informed me they don't make a softwarre program to control the interface. Instead they faxed me a list of those who may or may not have a radio control software. After going through the list, even being told by one supplier that the 736R was to dumb to control, I went through the WEB looking for a shareware program, no luck! This is a pretty popular set-up and surely somebody makes a software program for it. Any way I'd appreciate any reference to where such could be found by someone who knows more than I. Cliff KC7PPM

4129. Amateur Radio Plaques & Engraving

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: ASPW25E@prodigy.com
Message-ID: <4pvvvd$d6u@usenetw1.news.prodigy.com>
Source record: 199458

http://members.gnn.com/kn3a/plaques.htm
-
KN3A-CAMELLIA TROPHY SHOP kn3a_plaques@prodigy.com

4130. RE: Equipment from a silent key...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: Chris Davis <cdavis@ptel.net>
Message-ID: <01bb5b3c.07011f20$135c09ce@cdavis>
Source record: 199459

Hi Josh.

I'm sure the family is feeling a great loss in the death of their husband/father. A mistake many people make in this situation is to 'leave them alone so they can grieve'. They would probably find great joy in hearing that his interest in this hobby (which he probably loved very much, as hams go...) was passed on to you. Something like this would be nice:
"Hello, Mrs.XX, I wanted to stop by and tell you that Mr. XX and I shared a common interest in amateur radio. I learned a great deal from him, and was wondering if you would consider selling his equipment to me. Did he ever tell you that he was the one that urged me to take my amateur license exam..."
Then let this follow with a conversation about Mr. XX and his influence and affect on you. I'd bet money that she'd be just beaming after the talk with you.

I think I listen to too many talk-radio psychologist shows...!

4131. Dentron dtr 2000 L

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: "TOM, LA9GX" <kbs@powertech.no>
Message-ID: <31C43203.FBB@powertech.no>
Source record: 199460

Have been offered a dentron DTR 2000 L hf amplifier with 3cx1500 tube.
Would like to know from someone who have used on what it`s like?

73 de tom, la9gx

4132. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C3DB86.2E4A@ccsnet.com>
Source record: 199461
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Jim Kehler wrote:

> You tell me Burt. You're obviously the King of Insult. What do you
> think I gained from the insult ?

To feel like you were a man?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4133. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: "William E. Sabin" <sabinw@crpl.cedar-rapids.lib.ia.us>
Message-ID: <31C417A4.445E@crpl.cedar-rapids.lib.ia.us>
Source record: 199462

Don P. Wittlich wrote:
>
> William E. Sabin wrote:

> > That was the "good old days". The mechanical filters these days are a
> > whole new ball game.
> >
> > Bill W0IYHPlease elaborate, Bill. I know the technology of modern mech filters
> may use torsional movement, and may be more economical, but are the old
> style ones better in any way?
> Don WN9V

The old filters were bigger, had more inserion loss, had more intermod problems and were not as rugged. I can't think of any way that the old filters are better, except that they may be available at flea markets. Even then, we need to be sure that they haven't been damaged in one way or another. The new models are really neat.

4134. Re: Help! FT-101ee Grounded to Neutral PoP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun16.115603.21176@ke4zv.atl.ga.us>
Source record: 199463

In article <31c1033b.4999290@news.west.net> allenm@rain.org (Allen) writes:
>HI.. After recently moving I hooked up my 101ee up and found a
>conveniently close copper water pipe for groung...I flipped on the
>power switch...fine.... but when i flipped on the HEATER switch the
>panel lamps went BRIGHT and the fuse blew.....inspection revealed that
>the water system to the house was tied in to the white NEUTRAL wire in
>the breaker box !!??...that danger is fixed....

Hold the phone, Ethel! Neutral and safety ground are *required* to
be bonded together at the breaker box. This is mandatory under the
National Electrical Code. If you've broken that connection, you've
created a potentially lethal situation.

Clearly, you have a fault in the radio from hot to chassis. When
you bonded the chassis to safety ground, that fault showed itself
as it is supposed to do and blew the fuse. You *must* repair this
fault before proceeding or you could be killed working on the radio.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4135. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: "John L. Broughton" <wb9vgj@mcs.net>
Message-ID: <31C42B12.35C0@mcs.net>
Source record: 199464
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Siegfried Rambaum wrote:
>
> Burt Fisher wrote:

[snip, snip]

> > > Surely there are some caring decent German people that would resist
>
> There had been some. I would want you to visit the Dachau concentration
> camp near Munich, and please, take an interpreter along with you. There
> were Germans, who resisted in the bureaucracy, who dared investigate and
> initiate prosecution of the Nazi murders ... and who in turn were murdered
> for thei civil courage, too.

There seems to still be disagreements among historians and scholars as to the general attitude of the German population during this time. However, your point is well taken.

My first wife was German and I was got married there. Her father and two brothers served in the German Army, Air Force and Marines and were all captured. By mere coincidence, they all arrived home on the same day. Her father worked for the Bundespost (German Post Office). None of the family ever belonged to any of the Nazi organizations (which was difficult as government employees were expected to). None of them shared the Nazi ideals. They did have the required picture of Hitler and a copy of Mein Kampf, but they were only brought out into view if they had a visitor they did not know or trust.

During the war, Jewish prisoners were used for maintenance around their apartment building. It was obvious they were not receiving sufficient food. My ex-parents-in-law would wrap up food and put it the garbage cans for the prisoners. If they had gotten caught it is quite possible they would have been killed. Not ever having gone through something like that, I cannot imagine how much courage it took to perform an act that could easily end up in death.

Anyway, certainly not all Germans were accomplices of the Nazis

And, it still amazes me that folks keep overlooking Josef Stalin who had 20 million people killed, over three times the number in the Holocaust.

73 and auf wiederschrieben,

--
==========
John L. Broughton wb9vgj@mcs.net http://www.mcs.net/~wb9vgj/
==========

4136. Re: Packet Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: Ian Brothwell <ibx@cs.nott.ac.uk>
Message-ID: <31C40F3C.7BB7@cs.nott.ac.uk>
Source record: 199465

Hi Sam. You could try browsing
http://www.idir.net/~medcalf/ztx/hf2tnc.html
or
http://www.siskin.co.uk/devcon1.html

Regards, Ian G4EAN
(Secretary, British Amateur Radio Teledata Group)
http://cs.nott.ac.uk/~ibx/BARTG/

Sam wrote:
>
> Anyone know how to interface a HT-600 to a PK-88. I am trying to
> do this thru the HT600 speaker mic.
>
> 73
> KD6PHZ

4137. Re: What's best way to hang a folded dipole?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: "Richard L.I NY" <ru@i-2000.com>
Message-ID: <31C41AC5.4154@i-2000.com>
Source record: 199466

Hank Turner wrote:
>
> Anyone have any suggestions as what is the
> best way to hang a folded dipole?
>
> thanks
> KC5FLJ

tie it to something at ether end <G>

I think you mean how to get it up in the air.
I used a fishing pole and cast a lead sinker over
the top of a a few trees. (I have a large loop)
then pull up a rope and you have your support.

rich..K2KOQ
-- ru@i-2000.com
http://www.i2.i-2000.com/~ru/

4138. Vancouver B.C. ham help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: pburke@stf1.css.edu
Message-ID: <4q1c6l$as@news.d.umn.edu>
Source record: 199467
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi All...
I am going to be visiting Vancouver for a hockey tournament between 6/26 and 7/3. I am wondering if any of the locals could let me know what the local radio scene is as far as active repeaters, radio shops and anything else of ham interest. Also, I would like to run a sched with a friend if anyone would be willing to op at your station for 20 minutes or so.
Thanks and 73,
Patrick KB0BRO

4139. Need schematic or help on MFJ-1214 CW/RTTY

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: cbenjam@dinfsvs.com
Message-ID: <4q1fm1$guh@tkhut.sojourn.com>
Source record: 199468

I have a MFJ-1214 CW/RTTY/FAX computer interface that works fine except when transmitting RTTY, it keys the transmitter fine but the afsk out will work for a few seconds and then quits, and the transmitter still stays keyed. It had worked fine in the past but now it does this constantly. Any help would be appreciated. You don't have to write me and tell me not to buy this junk, I have learned my lesson!

Curt, KF8HN

4140. Re: NEED ICOM-706 MOD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: tim phillips <drx1@worldnet.att.net>
Message-ID: <4q1hjc$789@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 199469

do a search in lycos or equlivent search engine and look for "oak" or
"arrl" sites then select the "mods"section then icom etc.
"73's" tim kf4fco

4141. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: hrt@netlink.co.uk
Message-ID: <4q1ktd$h5o@zeus.tcp.co.uk>
Source record: 199470
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

John Thomas <100553.1214@CompuServe.COM> wrote:

>No....well not yet anyway. You can do the diode mod and open up
>the tx from 0-200MHz but the section from >60 to 144 it only puts
>out <1mW qqqqqqQRP!!

>I understand that ICOM UK are working on a mod to bring up the 4m
>side for Tx and this is to be publsihed in HRT soon ?

>jim G7NKS

Yes, I'm currently getting a reasonably clean 100W on 4m from the IC-706, from the mod I have devised, my thanks going to Icom UK for the kind loan of the rig to perform the 'experiments' on! The mod is due to be published in a forthcoming issue of Ham Radio Today magazine.

Hope that helps.

73, Chris G4HCL

Eur Ing. Chris Lorek BSc(Hons) C.Eng. MIEE G4HCL AA0RX
Consultant Technical Editor, Ham Radio Today magazine
HRT web site; http://www.netlink.co.uk/users/hrt
24hr Tel/Fax-back info line; 01703 263429 (use with DTMF phone)

4142. Comments re. ADI radios

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: afn35036@afn.org
Message-ID: <31c45ec1.5408959@usenet.afn.org>
Source record: 199471

I've been thinking of getting the ADI AR-146 2m mobile from Artcom (Montgomery, AL). I've talked to one local ham who has the ADI mobile and he seem to be happy with it. Has anyone else tried their products, HT or mobile, and have an opinion. The mobile rig at Artcom is $245, including shipping, which is less than AES. Has anyone purchased anything from Artcom have an opinion?

Thank you for your help.

Steve
--
http://www.afn.org/~afn35036 (EL89tq)| "I have never really understood the
http://www.afn.org/~gars | rationale behind sports...which
http://www.afn.org/~quilters | all seem like exhausting new ways of
PGP pub key: finger afn35036@afn.org | getting injured while sweating." -LGW

4143. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C483B7.20D0@ccsnet.com>
Source record: 199472
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Dave Heil wrote:
>
> What has any of this nonsense to do with amateur radio?
>
> Dave OH2/K8MN

Yes we should discuss the really important topics of the day, like
traffic, contests, code or no code.

#================#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#===#| k1oik@ccsnet.com
|
#===#
http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4144. 386 with Color monitor $375

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C483EC.33B2@ccsnet.com>
Source record: 199473
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

386 Computer WITH VGA Monitor

386 computer with color VGA monitor, hard drive capacity 225M (compressed), 3" and 5" drives, serial and printer ports,mouse, four Meg memory, upgradable motherboard, Windows 3.1, MSDOS 6.2 installed. Very clean. Mastering Windows 3.1 included.

$375 PLUS shipping.
Burt Fisher

Reply via k1oik@ccsnet.com, k1oik@k1ugm, 508-385-6962

4145. Re: HTX 212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: Andrew Lawlor <adlawlor@concentric.net>
Message-ID: <31C4948D.3C46@concentric.net>
Source record: 199474

Sami Boulos wrote:
>
> What are peoples' opinions on Radio Shack's HTX 212 2-meter mobile?
> Apparently, price has been reduced to $269.
>
> --

I bought one in December 1995, used it very infrequently, and generally
on low power, through April. Took it on a road trip and it died after
about 10 minutes of QSO. Really didn't think that was very good at all.

There definately is something going on with the squelch, it constantly
needs to be adjusted and it seems as if it needs to be set pretty much
"all the way up" just to keep S-nothing signals from breaking it.

It does have fairly good recieve sensitivity (when compared to an HTX-202).
I kinda like the rig but its been to the shop twice now since April
(they never fixed it the first time). So... I'm having a hard time
recommending it to you. On the other hand, it's cheaper than most
& there's almost always a radio shack around if something happens to it.

It *seems* to be a pretty good radio but if you do get one you should
seriously consider the TSP the salesperson will DEFINATELY offer you.

Good luck... 73 Andy KC6NMD

4146. Marconi MF/HF Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: "Romesh C.D.Singh"
Message-ID: <4q255t$h0h@spider.rmplc.co.uk>
Source record: 199475
Cross-posted to: alt.radio.digital,rec.ham-radio,rec.radio.amateur.equipment,biz.marketplace.international,uk.radio.amateur

For sale :
Qty 2 Marconi 2540 Synthesised mf/hf communications receiver with full crystal filterset(USB/LSM/CW/AM)and preselector unit
Qty 2 Synthesisers for above receiver
Qty 4 crystal filter set for above receiver
Qty 1 Hameg 10Mhz dual beam Oscilloscope

All in near mint condition

e-mail rsingh@rmplc.co.uk
phone +44-1245-359560

4147. Information on 50MHz Transverters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: Gary Johnson <gjohnson@avalon.net>
Message-ID: <31C427B2.3211@avalon.net>
Source record: 199476

Hello, I am looking for information on 50MHz transverters. What afer
some of the better units that are available? Most that I have seen are
disigned to be used with solid state rigs. What is needed to interface
one of these (or other) transverters to a Kenwood TS-830S HF rig?
I will appreciate any recommendations or advice that you can give me.
Thanks,
de Gary WY0V

4148. Re: RF Concepts repair phone # needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31C4E4C1.40C3@accessnv.com>
Source record: 199477
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Don Murray wrote:
>
> Hello and thanks for reading this..
>
> I have a RF Concepts RFC 2-317 amp that I need to get some work done on.. The
> number I have for RF Concepts in Gilroy, Ca is no longer valid ...

RF Concepts is a division of Kantronics, in Lawrence, KS .... their
telephone number is:
913 842 4476,
and their Tech Service hours are
9 AM-Noon 2-5 PM Central Time

Good Luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply, Las Vegas

PS - If you have received a copy of our new catalog (in the mail to our
existing customer base now), you will find supplier telephone numbers
listed on page 199 of that catalog ... if you have not received a
catalog, you can call any of our stores for a free copy.

4149. Re: What's best way to hang a folded dipole?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31C4EE34.63ED@accessnv.com>
Source record: 199478

Hank Turner wrote:
>
> Anyone have any suggestions as what is the
> best way to hang a folded dipole?
>
> thanks
> KC5FLJ

With a Skyhook, of course! ;-)

You can hang it just like any other dipole antenna ... if the twinlead you made the dipole from is not very strong, you can string some nylon monofilament line (replacement line from a "weedeater" is good, and available in heavy sizes) alongside it, tying it every five feet or so. If you are going to feed it with coax, be sure to use a 4:1 balun, NOT a 1:1 balun! If you feed it with twinlead down to a tuner, that's fine too! If you have not already constructed it, you might consider making it out of 450 Ohm line with copper-clad steel conductors (for strength) ... stocked at Amateur Electronic Supply and lots of other dealers.

73, and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4150. Re: QSL wall card holders..where?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31C4F5D3.4712@accessnv.com>
Source record: 199479
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.antenna,rec.radio.swap

Jason Baack wrote:
>
> Hello all,
> I was wondering if anyone out there knows where I can get some of the
> QSL vinyl-like,clear QSL card holders that you can hang on a wall.?

Available at most well-stocked amateur dealers, including Amateur
Electronic Supply.

Our nearest store to you is in Wickliffe, Ohio ... their telephone number
is 800-321-3594.

73, and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4151. Needs mod for rexon rl102

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-16 00:00:00 UTC
From: Hallvard Nordli <halnordl@online.no>
Message-ID: <4q26bp$479@nms.telepost.no>
Source record: 199480

I needs mods for my new rexon rl102
I be very happy for any answers.

4152. Looking for a crystal 40.320 MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: rijanto@ibm.net
Message-ID: <4q45tn$37iq@news-s01.ny.us.ibm.net>
Source record: 199363

Hi, I'm sorry at first, may be this is not the right group to post this thing.

I'm looking for a crystal with freq 40.320 MHz, can someone help me by let me
know where and how can I get hold one of this crystal ??

Thanks a lot,

rijanto@ibm.net
rijanto@cbn.net.id

4153. looking for 4 contact plug for FT-50R mic/ear jack

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: JungHo Yu <yu.130@pop.service.ohio-state.edu>
Message-ID: <4q4456$gvq@charm.magnus.acs.ohio-state.edu>
Source record: 199364

hi,
i'm looking for 4 contact plug for FT-50R 'cause i wanna make TNC cable
by using this plug.
if u have this stuff or know where i can find , pse email me.
73s de Matt
--
Yu.130@osu.edu
Amateur Radio Callsign KC8DJQ / DS5RTN
OHIO STATE UNIV.

4154. Re: Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <Dt5MK2.ILu@iglou.com>
Source record: 199365

Is 2 meter coverage a bell or a whistle?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4155. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: "Troy T. Pummill" <trop@irvin.alantec.com>
Message-ID: <4q47on$pfk@paperboy.alantec.com>
Source record: 199366

Hi All,

Hoping that someone can comment on the FT50R....
I'd like to get a few reviews before I purchase...

Many thanks

Troy

trop@fore.com
(direct email is appreciated)

4156. Re: Help! FT-101ee Grounded to Neutral PoP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: jstroppe@uhl.uiowa.edu
Message-ID: <4q4674$ehg@flood.weeg.uiowa.edu>
Source record: 199367

The ground and neutral are bonded together at the first power entance panel
any sub-feeder panels have separate ground and neutral.

John

--
John Stroppel | Internet: jstroppe@uhl.uiowa.edu
The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
Iowa City, IA 52242 | Fax: (319) 335-4555

4157. Re: XMatch Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4q4acd$h1k@newsbf02.news.aol.com>
Source record: 199368

Hi Jim,
In article <31C0B038.6CF5@aloha.net>, Jim Reid <jreid@aloha.net> writes:

>Tom,
>
>I have had an XMatch tuner for a few weeks now. It seems to perform
>as claimed on 160, 80 and 40. But for my 20 meter beam, odd
>things happen. Near the high end of 20, my beam has a vswr of around
>2.4:1 at a freq I use to chat with friends on the mainland.
>Using the XMatch, I cannot get a vswr below about 1.7:1, but
>even more strange, when bouncing between XM1 and XM2 switch
>tuning positions, regardless of position, I get a sudden, snap,
>increse in vswr up to around 5:1 at one particular position of
>the inductor tuner. But, there is perfectly smooth tuning
>operation through this position on the three lower frequency
>bands. Until I had discovered this, I was about to open the
>case and clean the coil windings and inductor roller "wheel"
>with alcohol. Now believe the inductor is probably ok.

That's caused by a series resonance in the roller. It's a common problem on the higher bands. The only cure is to avoid that tuning combination, or to add a shorting switch that connects the center of the coil to the chassis.

A half fast fix is to position a grounded metal plate near the center of the roller, and bend it in close to the winding to move the unwanted resonance lower in frequency. Be aware this "fix" just moves the problem to some other tuning position.

Series resonance is a huge problem with Oren Elliot rollers like MFJ and others used, and is also a problem with the nearly identical Cardwell roller used in the X-match. MFJ finally abandoned that style roller after years of roller troubles and now uses a cleverly designed air wound roller that shorts the center on the higher bands.

The Q of the new MFJ roller is over twice the Q of the Cardwell roller in the X match. You might consider installing one if you can't cure the unwanted resonance by some other means.

>I also am considering taking off the plastic washers and scraping
>away the paint from where the top cover and chassis meet;(believe
>I mentioned this idea in a note to Paul Schrader). Or,
>maybe I should just remove the top altogether?

I'd ground the case properly. I have no idea why anyone would float a metal case at all four corners. Removing the case, floating the case, or

grounding the case....there is no difference in efficiency. There is a heck of a difference in RFI, however. With the case in place but not grounded at all the corners, losses -if anything- are higher.

>Also, have you been able to trace the circuit of this tuner;

I only looked at the network casually, and would hate to give a definitive description. Nothing I saw made me say.... "why didn't I think of that". It was just a simple three element matching network. If you've seen one three element matching network, you've seen em all. Just swap the components around.

>I suppose what is patented is the idea of switching the positions
>of the fixed and variable capacitors. I don't know what the
>value of the two section variable C is; the two sections of
>the variable C seem to be in parallel.

Almost anything can be patented if one cares to spend the money and time...and write a good story. I'm sure every possible combination of two capacitors and one coil has been used for many years in hundreds of applications.

73 Tom

4158. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: jmaynard@k5zc.hsc.uth.tmc.edu
Message-ID: <slrn4sbgoi.kc.jmaynard@k5zc.hsc.uth.tmc.edu>
Source record: 199369

On 14 Jun 1996 23:18:06 -0400, SummitRT <summitrt@aol.com> wrote:
>At least the for sale posts are ham related, most of the rec.radio.swap posts
>are for used commercial radios.

Until a week ago, all of my ham gear had nameplates that said either Motorola
or Johnson... Commercial gear has its own advantages and disadvantages when
compared to ham-specific gear. Don't knock it until you've compared, say, a
TH-79 with an MT500 on a building with about 50 UHF repeaters on it.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Just because I'm a superhero doesn't mean
I have to smell poo gas." -- Freakazoid

4159. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <31c585fc.3672323@snews2.zippo.com>
Source record: 199370
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

On Mon, 17 Jun 1996 05:35:42 -0400, Burt Fisher <k1oik@ccsnet.com>
wrote:

>Ham radio is so unappealing to the young:
>
>1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
>she refused.
>2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
>use it.
>Electrolux and ham radio both have something in common, what?
>
>Burt
>

Hmm, KA1VBQ's distaste for amateur radio has been stated many
times by her father. Perhaps she felt no one would talk with her
courtesy of guilt by association with K1OIK.
I have no idea as to why N1XIY refused the equipment, his
license is less than a month old. I am reasonably certain however that
K1OIK had no part in assisting Abram obtain his license. Perhaps he
did not like the assumed motives of the gift-giver.
K1OIK has been trying to sell his gear for a while now but
apparently no one wants to deal with him. That doesn't suprise me
considering the tact and reasonability he has displayed in the venues
where he has attempted to promote a sale.
There are numerous charitable agencies that will accept the
donation of the equipment and provide a tax deduction for K1OIK. An
added plus for K1OIK would be he would not have to deal with any of
the hams that he finds so distasteful.

73 de N4JVP

4160. IC-738 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Jeff Hutchinson <w4pbc@digital.net>
Message-ID: <31C5A85E.5D4B@digital.net>
Source record: 199371

Does anyone have info on IC-738 mods, like opening up the transmit frequency range, and deactivating the AGC?

4161. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Brett Carter <carter@inetworld.com>
Message-ID: <31C5CAD6.2779@inetworld.com>
Source record: 199372
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

hey Burt, mail me that $10! i'll be on 52 simplex waiting!

ha.

4162. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Brett Carter <carter@inetworld.com>
Message-ID: <31C5CC2E.7DA@inetworld.com>
Source record: 199373

I think what he meant was that generally speaking, hams are interested in gear that was designed to be ham gear, not commercial gear.

I'm not saying I agree (which I do) or disagree.

4163. HP 8565 CRT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Tony Seaton <tony.seaton@turner.com>
Message-ID: <4q4h7m$s3o@tbsnames.turner.com>
Source record: 199374

Need source for new,used,rebuilt,rebuilder or replacement type for HP 8565A Spec An (HP P/N 5083-4471)

Tony Seaton tony.seaton@turner.com

4164. DR-130T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: gbishop@tc3net.COM
Message-ID: <19960617214018409.AAA173@LOCALNAME>
Source record: 199375

A friend of mine owns a Alinco DR-130T. He has had it for a couple of years.

In February the power ic smoked. It was sent in for repair by Alinco...and

a few weeks ago the new ic smoked. Has anyone had the same experience with

the power ic. SWR on antenna is fine.

Thank you for your time. Brian KG8CO

4165. Re: RF Concepts repair phone # needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <4q4fa8$e0s@dfw-ixnews3.ix.netcom.com>
Source record: 199376
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

In article <31C4E4C1.40C3@accessnv.com>, ad7k@accessnv.com says...
>
>Don Murray wrote:
>>
>> Hello and thanks for reading this..
>>
>> I have a RF Concepts RFC 2-317 amp that I need to get some work done on..
The
>> number I have for RF Concepts in Gilroy, Ca is no longer valid ...
>
>
>RF Concepts is a division of Kantronics, in Lawrence, KS .... their
>telephone number is:
> 913 842 4476,
>and their Tech Service hours are
> 9 AM-Noon 2-5 PM Central Time
>
>Good Luck!
>
>"Squeak" Porray, AD7K
>Manager, Amateur Electronic Supply, Las Vegas
>
>PS - If you have received a copy of our new catalog (in the mail to our
>existing customer base now), you will find supplier telephone numbers
>listed on page 199 of that catalog ... if you have not received a
>catalog, you can call any of our stores for a free copy.
>
>
Thanks to everyone that has sent me then information.. I have the amp on the
way to RF-Concepts for them to repair it..

Thanks again..
Don

4166. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: jmaynard@k5zc.hsc.uth.tmc.edu
Message-ID: <slrn4sbnib.lo.jmaynard@k5zc.hsc.uth.tmc.edu>
Source record: 199377

On Mon, 17 Jun 1996 14:20:46 -0700, Brett Carter <carter@inetworld.com> wrote:
>I think what he meant was that generally speaking, hams are
>interested in gear that was designed to be ham gear, not
>commercial gear.

...and the point of my posting was that this is not a valid generalization.
More and more hams are finding that commercial gear has its advantages.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Just because I'm a superhero doesn't mean
I have to smell poo gas." -- Freakazoid

4167. DR-130T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: gbishop@tc3net.COM
Message-ID: <19960617213932262.AAA146@LOCALNAME>
Source record: 199378

A friend of mine owns a Alinco DR-130T. He has had it for a couple of years.

In February the power ic smoked. It was sent in for repair by Alinco...and

a few weeks ago the new ic smoked. Has anyone had the same experience with

the power ic. SWR on antenna is fine.

Thank you for your time. Brian KG8CO

4168. FT-50R program kit/where can I get?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: estedman@aol.com
Message-ID: <4q4ne2$16c@newsbf02.news.aol.com>
Source record: 199379

Hi -
where can I get a programming kit for the Yaesu FT-50R that everyone is talking about?
HRO says its not available yet - but people have them.
Is the connector the same as for other Yaesu rigs?
Any help is appreciated.
Thanks
Ernie
N2OJQ

4169. Re: Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Peter Barville <peter@barville.demon.co.uk>
Message-ID: <1NkwbDAbbbxxEwjB@barville.demon.co.uk>
Source record: 199380

In article <Dt5MK2.ILu@iglou.com>, Steve Ellington <n4lq@iglou.com>
writes
>Is 2 meter coverage a bell or a whistle?

Got it in one!

If you want the best hf mobile, go for the DX-70 (or FT-900).
If you want bells (or whistles), then it has to be the IC-706.
73
--
Peter Barville G3XJS "It is vain to do with more
what can be done with less"
peter@barville.demon.co.uk William of Occum (1290-1350)

4170. Processor Concepts Software --> Icom Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: dean@ix.netcom.com
Message-ID: <4q4mis$s74@sjx-ixn3.ix.netcom.com>
Source record: 199381
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I'd like to locate Processor Concepts. I have an Icom repeater that has their software in it and I'd like to change a few things, like call sign. Can anyone tell me how to locate the company or a Scott M. Freeberg from the company? Or can anyone provide me with the original software Icom offered in the RP-3010 repeater.

Thanks in advance,

Dean
WB2CMN

4171. Re: Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Steve Roberts <osteven@en.com>
Message-ID: <4q4o8o$316@antares.en.com>
Source record: 199382
Cross-posted to:
alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
> In article <4plk3k$f51@news.cais.com> fwhitehurst@ezdial.com (David Whitehurst) writes:
> > Does anyone know if the RS frequency counter is any good? How does it
> >compare to say, the Optoelectronics' Cub/Scout??? Tnx! David N4ZGT.
>
> I had a chance to test a Radio Shack counter using a brand new
HP 8920 communications test set, unit was accurate and stable withing
10 Hertz from 60 to 512 Mhz, not bad for 99 bucks, It had some significat errors
around 900 and up, but not too bad say 1 or 2 Khertz. A good buy if you
do the hold switch mod. Not as stable as a Startek or Opto, nor as sensitive,
but we used it to align 9600 baud biz band data radios when the HP was out for service
to within 700 Hertz at 467.

4172. Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dt4En2.3zu@netcom.com>
Source record: 199383
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

I recently got my general, and have trying my luck on HF voice
using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
sitting on mag mount on floor with two 30' folded counter poise wires).

My luck has been rotten, (with exception of 10 meters). I've talked
to three HAMS on 20 meters only to have to struggle just to get
them to recognize my callsign.

This brings up my question: Is it hopeless to run HF voice at 100 watts?

If I were to get a inverted V dipole up at 40' would I have the same
lousy luck? What cheap portable antenna would be most efficient?

I know two other HAMS who have recently gotten their general,
and both report lousy results on 20m-160m running 100watts.
Both live on third floor apartments using folded dipoles. Both rarely
are able to snag a QSO.

What about running mobile? A 6' whip should pale to a 60' dipole on 3d floor?
Seems 100 watts and a whip would be worse than hopeless.

Is 100 watts sufficient when the sunspot cycle picks up?

Are 20m-160m bands strictly the domain of the "big guns"
running 1500 watts, 100 foot towers, and monster beams?

If this is so, what is the minimum setup to operate effectively?

400 watts, 600 watts, 1000 watts?

30', 40', 60', 100', tower?

antennas?

4173. Re: Juns Electronics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <31C5E027.7B8C@trw.com>
Source record: 199384

Sean Nixon wrote:
>
> Have Juns disappeared from the net.
> I was trying to contact them prior to my next visit to LA.
> Any info please?
>
> Thanks

You will find Jun's alive and well. Was there yesterday. Their web site is: http://www.juns.com/radio/index.html

Have fun.

Alan

4174. Re: Yaesu FT747GX trouble

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4q4lfh$9lh@abyss.West.Sun.COM>
Source record: 199385

In article <4q3sub$6bi@newsbf02.news.aol.com>,
W8JI Tom <w8jitom@aol.com> wrote:
>In article <4pog71$kch@news1.t1.usa.pipeline.com>,
>dslosty@usa.pipeline.com(D/S/Losty) writes:
>
>>
>>I've got a Yaesu FT747GX HF transceiver with a problem
>>that's been difficut for me to solve.
>
>I've had stability problems with two 747 rigs I own, and hve had a hard
>time fixing them.
>
>They seem worse into a hi-Q load like a mobile antenna or an antenna
>tuner.
>
>I don't know if you are having the same problem or not. With mine, the
>problem shows as RF output when the radio is in transmitt but no signal is
>present. In both rigs, it is an oscillation in the AM broadcast band.
>
>They don't do this into a dummy load.

One time I was transmitting with no signal present (i.e., carrier level
at 0) and temporarily removed the antenna connector. I was holding
one end of a coax jumper in my hand and there was a popping noise
as I received a few small RF burns on my finger. The radio output
level had jumped to almost full. Cycling the T/R switch made it
go away.

Very similar, eh?

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4175. Re: HTX 212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Larry Bourdillon <labour@ix.netcom.com>
Message-ID: <31C60786.106E@ix.netcom.com>
Source record: 199386

Sami Boulos wrote:
>
> What are peoples' opinions on Radio Shack's HTX 212 2-meter mobile?
> Apparently, price has been reduced to $269.
> ...
>

The HTX-242 was announced a couple of months ago, so RS has apparently dropped the price on these units.

That would seem to be a reasonable price for the '212. I have had one since January '95 and have had no real problems. The squelch is not particularly well designed. I keep it set at half scale but there is an occasional "pop" and the tail (squelch stays open) is entirely too long when a repeater drops. I have used it daily for the past year and a half for my one hour (plus) commute to work. Quite rugged and with the large heatsink it runs cool. I did get the service plan - haven't need it yet. 73's...

....larry (WA1ZSQ)

4176. Need schematic for Heath Apache

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: cbenjam@dinfsvs.com
Message-ID: <4q4r2c$6d0@tkhut.sojourn.com>
Source record: 199387

Anyone have schematic for old Heath Apache?

Curt, KF8HN

4177. Re: HTX 202 Error message???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: teacherjh@aol.com
Message-ID: <4q4run$5o9@newsbf02.news.aol.com>
Source record: 199388

>>
Also, make sure he doesn't
leave the battery on when using external power, some older 202s fry when
external power is used with the battery installed.
<<

Thanks for the info.. that's news to me. How old a unit does this?
(serial number?) so I can check mine.

Jose KD1SB

4178. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C5F1E3.7AF5@ccsnet.com>
Source record: 199389
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

John L. Broughton wrote:

> During the war, Jewish prisoners were used for maintenance around their apartment
> building. It was obvious they were not receiving sufficient food. My ex-parents-
> in-law would wrap up food and put it the garbage cans for the prisoners. If they
> had gotten caught it is quite possible they would have been killed. Not ever having
> gone through something like that, I cannot imagine how much courage it took to
> perform an act that could easily end up in death.
> Anyway, certainly not all Germans were accomplices of the Nazis
Clearly there were a few Germans that we should admire.
Thanks for sharing the events you described.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4179. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4q4pb8$aem@abyss.West.Sun.COM>
Source record: 199390

In article <slrn4sbgoi.kc.jmaynard@k5zc.hsc.uth.tmc.edu>,
Jay Maynard <jmaynard@admin5.hsc.uth.tmc.edu> wrote:
>On 14 Jun 1996 23:18:06 -0400, SummitRT <summitrt@aol.com> wrote:
>>At least the for sale posts are ham related, most of the rec.radio.swap posts
>>are for used commercial radios.
>
>Until a week ago, all of my ham gear had nameplates that said either Motorola
>or Johnson... Commercial gear has its own advantages and disadvantages when
>compared to ham-specific gear. Don't knock it until you've compared, say, a
>TH-79 with an MT500 on a building with about 50 UHF repeaters on it.

I bought an IC-2000H last year to replace the MCX100 that had been
in the car. I've been pleased that the IC-2000 receiver is almost
as strong as the widespace receiver in the MCX100. The MCX100
could be taken to congested mountain top radio sites with no
crunch problem, the IC-2000H will crunch at a congested site.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4180. Re: INFO req: Heathkit HW2036 2mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: webbte <ted.webb@columbiasc.ncr.com>
Message-ID: <Dt5KxD.HDz@ncrcae.ColumbiaSC.ATTGIS.COM>
Source record: 199391

Ken - Heath put out a special kit years ago to allow the rig to
tune the full 4 MHz of the 2 meter band. Without it, you could
only get any selected 2 MHz of band width. I have one I used for
Packet work until just recently where I retuned where the active
2MHz was centered but the PLL circuitry started acting up rather
badly with major drift problems so its now in the garage
awaiting another home. I also have the construction manual, but
unfortunately its in storage in another city. Sorry I couldn't help more.

ted / AC4CS
>==========KG0WX, 6/15/96==========
>
>I am looking for anyone who may have a construction manual for
>this rig. I
>need to find out the following things:
>
> How to turn the rf output down
> How to change the tone settings on the pl board
> How to re-tune the rig to cover a bigger part of 2 meters
>
>TIA & 73's
>--
>
> Ken Bessler KG0WX
> Design Services Company
> http://www2.southwind.net/~kg0wx
> Model railroad designing

4181. For Sale: Yeasu FT767GX And Accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Mike <rmw@HiWAAY.net>
Message-ID: <01bb5cbd.5861cf40$83221ece@rmw.HiWAAY.net>
Source record: 199392

Have FT767GX used very little for sale. Has speaker with filters, and
desk microphone.
Also has the 2-meter and 6-meter modules.

If interested email Mike at:

rmw@HiWAAY.net

4182. Re: NEED ICOM-706 MOD

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31C61EBF.41C6@pactitle.com>
Source record: 199393

DH wrote:
>
> Hello,
> Does anyone have the mod's for the Icom-706?
>
> Please send email
>
> dwhowell@iamerica.net

Here is a few mods.....
ftp://www.cdrom.com/pub/hamradio/oak/mods/icom

have fun........ kc6wfs
http://www.geocities.com/Hollywood/5860
--
Dave Booth

4183. Re: Help Mod Standard C508

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31C61FAC.167E@pactitle.com>
Source record: 199394

Joakim Gustafsson wrote:
>
> How do I modify the C508 to TX outside 2 and 70 band?

try looking here...
ftp://www.cdrom.com/pub/hamradio/oak/mods/standard/

have fun........kc6wfs
http://www.geocities.com/Hollywood/5860/
--
Dave Booth

4184. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <31C64BB7.D06@ix.netcom.com>
Source record: 199395
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles copeland wrote:
>
> I recently got my general, and have trying my luck on HF voice
> using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
> dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
> sitting on mag mount on floor with two 30' folded counter poise wires).
>
> My luck has been rotten, (with exception of 10 meters). I've talked
> to three HAMS on 20 meters only to have to struggle just to get
> them to recognize my callsign.
>
> This brings up my question: Is it hopeless to run HF voice at 100 watts?
>
> If I were to get a inverted V dipole up at 40' would I have the same
> lousy luck? What cheap portable antenna would be most efficient?
>
> I know two other HAMS who have recently gotten their general,
> and both report lousy results on 20m-160m running 100watts.
> Both live on third floor apartments using folded dipoles. Both rarely
> are able to snag a QSO.
>
> What about running mobile? A 6' whip should pale to a 60' dipole on 3d floor?
> Seems 100 watts and a whip would be worse than hopeless.
>
> Is 100 watts sufficient when the sunspot cycle picks up?
>
> Are 20m-160m bands strictly the domain of the "big guns"
> running 1500 watts, 100 foot towers, and monster beams?
>
> If this is so, what is the minimum setup to operate effectively?
>
> 400 watts, 600 watts, 1000 watts?
>
> 30', 40', 60', 100', tower?
>
> antennas?

Charles,

100 watts is sufficient for solid QSOs when the selected band is not too crowded and, of course, the
propagation is good. You might actually have a very strong signal, but with crowded band conditions and other
hams running 1000 watts it's hard to compete.

Of paramount importance, however, is an efficient antenna. Yes, an "inverted-v" dipole at 40 feet can make all
the difference in the world! For 75 and 40 meters they're great. For years I've used an "inverted-v" dipole on
75 meters mounted on my tower, and it has worked very well. At the higher frequencies you really need something
like a multiband yagi antenna or a quad, though. They not only boost your signal, but also attenuate unwanted
signals coming in from the sides and back of the antenna.

Many contacts can be made with relatively low power if you pick the right time and frequency. Also, under
adverse conditions, CW has often been a good mode for contacts.

Good luck, Charles.

73,
Lindsay
WA4ISZ

4185. For Sale IC-Z1A $350.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: "spade@onramp.net" <spade@onramp.net>
Message-ID: <31C61D86.77EA@onramp.net>
Source record: 199396

I have a two month old IC-Z1a for sale. It has all the bells and whistles and works perfectly. It has been Rx/Tx modified. I have a new baby coming and I need the money more than the radio right now. I'm in Houston Tx. Sale will be for $350.00 + shipping. E-Mail me if you have any questions. Danny.

4186. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: KD1YV <jimkd1yv@ix.netcom.com>
Message-ID: <31C618E5.3567@ix.netcom.com>
Source record: 199397
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles copeland wrote:
>
> I recently got my general, and have trying my luck on HF voice
> using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
> dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
> sitting on mag mount on floor with two 30' folded counter poise wires).
>
> My luck has been rotten, (with exception of 10 meters). I've talked
> to three HAMS on 20 meters only to have to struggle just to get
> them to recognize my callsign.
>
> This brings up my question: Is it hopeless to run HF voice at 100 watts?
>
> If I were to get a inverted V dipole up at 40' would I have the same
> lousy luck? What cheap portable antenna would be most efficient?
>
> I know two other HAMS who have recently gotten their general,
> and both report lousy results on 20m-160m running 100watts.
> Both live on third floor apartments using folded dipoles. Both rarely
> are able to snag a QSO.
>
> What about running mobile? A 6' whip should pale to a 60' dipole on 3d floor?
> Seems 100 watts and a whip would be worse than hopeless.
>
> Is 100 watts sufficient when the sunspot cycle picks up?
>
> Are 20m-160m bands strictly the domain of the "big guns"
> running 1500 watts, 100 foot towers, and monster beams?
>
> If this is so, what is the minimum setup to operate effectively?
>
> 400 watts, 600 watts, 1000 watts?
>
> 30', 40', 60', 100', tower?
>
> antennas?

Charles,

First, congratulations on your recent upgrade. What is your callsign?

I run from 100 to 150 watts (depends on what kind of mood my old Hallicrafters SR-400A is in that day), and have had phenomenally good luck with it. I use a G5RV that I made myself, up at about 45 feet, through an MFJ mobile tuner (300 W rating.)

I rarely have any problem making a contact, and have even broke through my share of pileups. I have worked a fair bit of DX, including Antartica, Australia, New Zealand, Marshall Islands, and a few African stations, not to mention a ton of Europe, Caribbean and South America. And all of this within the last year, at the "bottom" of the sunspot cycle. Most of my contacts are on 75 or 20 meters, since my old rig has no WARC bands.

It really sounds like your antenna situation needs to be improved, and it will make all of the difference in the world.

73 de Jim, KD1YV

4187. fs:icom v21at 2m 220 ht

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Dave Booth <booth@pactitle.com>
Message-ID: <31C62B9D.794B@pactitle.com>
Source record: 199398

I have for sale a icom v21at.
has 2 leather cases 2 battries.1 700ma 1 1400 ma @ 8.6vdc i think...
externam handmike that controls bands and freqs....
12 v moble cord... to the cig lighter...
good cond... 2nd owner.... will xband repeat.....

$325.00 and i'll ship. cod cash..... or trade for 6m rig... or 440
moble.

thanks de kc6wfs
http://www.geocities.com/Hollywood/5860
--
Dave Booth

4188. Re: Juns Electronics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Bill Starkgraf <wps@ElSegundoCA.attgis.com>
Message-ID: <Dt5xCp.KCr@avenger.daytonoh.ncr.com>
Source record: 199399

They are still there.

Try the following web page:

http://www.csz.com/radio/

73,

Bill, KD6UQB

>==========Sean Nixon, 6/15/96==========
>
>Have Juns disappeared from the net.
>I was trying to contact them prior to my next visit to LA.
>Any info please?
>
>Thanks

Bill Starkgraf, KD6UQB
wps@elsegundoca.attgis.com
AT&T Global Information Solutions
El Segundo, CA

4189. Re: Juns Electronics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Gordon Lee <Gordon.Lee@ElSegundoCA.ATTGIS.COM>
Message-ID: <4q4ns3$4sn@rap.SanDiegoCA.NCR.COM>
Source record: 199400

I just hit their web page. This is the address that I used:

http://www.csz.com/radio/

Gordon Lee, KF6AWW

>==========Sean Nixon, 6/15/96==========
>
>Have Juns disappeared from the net.
>I was trying to contact them prior to my next visit to LA.
>Any info please?
>
>Thanks

4190. Re: DR-130T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: psy_odell@usa.pipeline.com
Message-ID: <4q4qet$ark@news2.h1.usa.pipeline.com>
Source record: 199401

I've had the power IC go on an AZDEN (twice), once on a Kenwood (and know a guy with the same 241 that has the thing blown twice).

In my opinion, those things just aren't reliable. I know that on the AZDEN, one failure was simply because the antenna wasn't hooked up on low power. That wouldn't have bothered a discrete unit.

Progress is wonderful -- of course, those things make the units much cheaper -- you can replace them if you can get them -- they tell me there are only a few major types. Jerry W8GND

4191. icom p2et mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: unknown@actually.known.byyou
Message-ID: <4q4mbh$7cg@news1.Belgium.EU.net>
Source record: 199402

I wan't to tune my secand hand reciever back into the band.
pse send your answer to the news group!
tnx

4192. Info on Motorola H43 and L43 Radios needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: rossanalytical@cyberdrive.net
Message-ID: <4q43uv$6oc@galaxy.cybergate.net>
Source record: 199403

I have just acquired some Motorola radios, model H43 HT's and L43 Base Stations. Does anyone have any spec's on these units or info on how easily they could be converted over to Ham use?

Thanks in advance,

Dwight R. Hayes, Jr.
dhayes@cyberdrive.net
KB8SEG

4193. I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960617152614559@atdbbs.com>
Source record: 199404

BURT>>Electrolux and ham radio both have something in common, what?

They both, unfortunately, have sleazy salespersons.

clint.bradford@atdbbs.com
---
* TLX v4.00 * Time flies like wind. Fruit flies like pears.

4194. Re: FT-50r, Know how to play game?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4q27km$4fd@shore.shore.net>
Source record: 199481

FBUL85A@prodigy.com (Rob Curtis) wrote:

>Has anyone else found the game function of the FT-50r? I can't figure out
>how to play, keep getting a zero score...

>I wonder what else is hidden in the innards (small as they are) of this
>thing?!?!

Whenever you see a digit come across the display press the digit for
which when summed together to two equal ten. If you see a "3" coming
across press the "7" key and so forth. You'll see your score add up.

Hey, I didn't come up with this game...
==========
cheers! jim martin, wk1v
lowell, mass
http://www.shore.net/~jjmartin/jjm.htm

4195. Re: FT-50r, Know how to play game?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4q2c9r$1hiq@mule1.mindspring.com>
Source record: 199482

>Whenever you see a digit come across the display press the digit for
>which when summed together to two equal ten. If you see a "3" coming
>across press the "7" key and so forth. You'll see your score add up.

You must also press the F key after the number.

4196. Re: IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4q2ce0$1hiq@mule1.mindspring.com>
Source record: 199483

>Perhaps this is why Yaesu hasn't shipped any ADMS1C's yet ... THEY don't
>want to ship buggy product!

>Sign up with your favorite Yaesu dealer ... be patient ... and you will
>get a working product as soon as they are available.

I picked up the software from RT Systems at the Atlanta Hamfest, and
it seems to work just fine.

4197. Re: 386 with Color monitor $375

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: ccsys@interport.net
Message-ID: <31c4b98c.4392075@news.interport.net>
Source record: 199484

Good grief! When will it end?

4198. Radios for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: hammond@arlut.utexas.edu
Message-ID: <4q2e8k$asm@geraldo.cc.utexas.edu>
Source record: 199485

I would like to sell a 100 watt Knight kit T-150 AM transmitter
(20-80 meters) and Hallicrafters SX-25 and S-38C receivers.
I have had them since the 1950s. The receivers no longer work
(need new tubes). Make offer. E-mail reply please.

4199. FT50 peformance measurements

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: kwon2m@ix.netcom.com
Message-ID: <31c4be30.9804332@nntp.ix.netcom.com>
Source record: 199486

Having put my Yaesu FT-50R through some transmit and receive measurements, I thought I'd post the results here. I only did power and sensitivity measurements, no selectivity tests. If I get a chance to do those, I'll post an update. I did all of the rx measurements in the NFM mode as the wide filter isn't wide enough for U.S. broadcast stations anyway, as previously posted by others.

John, N2BFJ

Yaesu FT50R Measured Performance Specs

Notes:

1. If your newsreader uses a font other than Courier, the charts below may appear out of alignment. Save this article as a text file and view with a text reader or editor.
2. No mods or adjustments were made to the test radio.
3. All measurements were performed using an IFR FM/AM-1600S service monitor
4. All transmit power measurements are in watts, except L1, which is in milliwatts.
5. All receive sensitivity measurements were done in the narrow band fm mode and are in microvolts for 12db SINAD.

Transmit Power Output - FNB-41 battery

Freq Hi L1 L2 L3

144 5.7 103 1.13 3.35

146 5.7 109 1.13 3.32

148 5.6 107 1.11 3.29

430 4.9 78 .97 2.71

440 4.9 81 .93 2.68

450 4.9 85 .95 2.64

Transmit Power Output - FNB-40 battery

Freq Hi L1 L2 L3

144 3.52 86 1.05 3.11

146 3.53 92 1.06 3.08

148 3.49 92 1.05 3.06

430 2.21 57 .90 2.10

440 2.56 63 .90 2.23

450 2.84 71 .90 2.36

Receiver Sensitivity

VHF UHF 800

Freq Sens Freq Sens Freq Sens

140 .14 400 .22 800 .43

145 .14 410 .21 820 .37

150 .14 420 .18 850 .27

155 .14 430 .14 860 .27

160 .14 440 .12 868 .31

165 .15 450 .13 895 .32

170 .15 460 .15 900 .35

175 .15 470 .16 920 .35

180 .18 480 .18 940 .37

185 .20 490 .21 960 .59

190 .42 500 .25 980 .75

195 1.2 999 1.2

200 1.3

4200. For Sale Collins 30L-I

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: rafael@rmartinez.vvm.com
Message-ID: <31c4d243.3702442@newshost.vvm.com>
Source record: 199487

I have for sale a Collins 30L-I excellent condition, no scratch, four 811 tube almost new, plus four more. manual is included, 800 watts output...Price 400.00
Rafael Martinez KO6KW

4201. Sweep Wave Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: morrisond@misslink.net
Message-ID: <6107cc$162437.0@matilda.misslink.net>
Source record: 199488

Need schematics for a powerful sweep wave generator, modulating tone generator and any sources to get ANY freq. crsytal for radio transmissions.

Thanks!
Curt
morrisond@misslink.net

4202. FT990 Shutdown problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: lwyager@in.net
Message-ID: <4q2i1i$a7q@su3.in.net>
Source record: 199489

I have encountered a nagging problem with my 990 and I hope someone has run into the same thing or perhaps can offer some ideas on what it's source/cure is.
When running digital modes (rtty, pactor, amtor) the 990 will stop transmitting after approx 2 minutes, 20 seconds (+/- a few). The Kam+ is still indicating that it is transmitting as does the Kawin software. The 990, however, has switched to receive. This only happens on digital modes... key down time on cw into a dummy load is well past this time. The power output in all tests is about 10W.
So far I haven't been able to come up with an idea. Perhaps it's time to send it in for warranty service?
Any input will be greatly appreciated.
Tnx es 73, KG9DE (Larry)
lwyager@in.net

4203. I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C526EE.2ACB@ccsnet.com>
Source record: 199490
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Ham radio is so unappealing to the young:

1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
she refused.
2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
use it.
Electrolux and ham radio both have something in common, what?

Burt

4204. Class?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C52799.42D1@ccsnet.com>
Source record: 199491
Cross-posted to:
alt.support.divorce,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

The Victor
By: C.W. Longenecker

If you think you are beaten, you are.
If you think you dare not, you don't.
If you like to win but think you can't,
It's almost a cinch you won't.
If you think you'll lose, you're lost.
For out in the world we find
Success begins with a fellow's will.
It's all in the state of mind.
If you think you are outclassed, you are.
You've go to think high to rise.
You've got to be sure of yourself before
You can ever win a prize.
Life's battles don't always go
To the stronger or faster man.
But soon or later, the man who wins
Is the man who thinks he can.

4205. Re: For Sale 6 Meter Lowpass Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: nd3f@aol.com
Message-ID: <4q3drv$ij@newsbf02.news.aol.com>
Source record: 199492

HI! Is this the low power or high power unit??
I am interested and will by at your price if it is
the 3KW unit. Might be interested if it is the
lower power (250W?) unit. Thanx.
73
Brian: ND3F @ aol.com

4206. ** Help with Standard C228A Needed **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: jimc1790@aol.com
Message-ID: <4q3cuc$eh@newsbf02.news.aol.com>
Source record: 199493

I am currently on a trip with my C228 and don't have the manual. Can somebody please tell me how to change the repeater transmit/receive offset. I can't remember the keypad sequence to do this ?

Thanks .. Jim - N4WFP
jimc1790@aol.com

4207. Re: Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: ddeeds@aol.com
Message-ID: <4q3cur$ei@newsbf02.news.aol.com>
Source record: 199504

I have heard that the next version will have a built-in hold button.

Doug
KA8CTL/5

4208. Re: FT-50r, Know how to play game?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: w7zrc@micron.net
Message-ID: <4q3jrj$c63@is05.micron.net>
Source record: 199505

jjmartin@shore.net (Jim Martin) wrote:

Being new to the FT 50R, I haven't found out how to start the game?
Please let us know. thanks, Rod

>FBUL85A@prodigy.com (Rob Curtis) wrote:

>>Has anyone else found the game function of the FT-50r? I can't figure out
>>how to play, keep getting a zero score...

>>I wonder what else is hidden in the innards (small as they are) of this
>>thing?!?!

>Whenever you see a digit come across the display press the digit for
>which when summed together to two equal ten. If you see a "3" coming
>across press the "7" key and so forth. You'll see your score add up.

>Hey, I didn't come up with this game...
>==
>cheers! jim martin, wk1v
>lowell, mass
>http://www.shore.net/~jjmartin/jjm.htm

4209. Re: FT736R CAT Interface Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: burch@netline.net
Message-ID: <31c574c1.12294631@news.netline.net>
Source record: 199506

cliff bates <Pcliff@televar.com> wrote:

>I recently ordered a FT736R xceiver, with a R232 interface. Naturally as
>things go everything arrived in fine shape but the software to control
>the thing. On contacting YASEU they informed me they don't make a
>softwarre program to control the interface. Instead they faxed me a list
>of those who may or may not have a radio control software. After going
>through the list, even being told by one supplier that the 736R was to
>dumb to control, I went through the WEB looking for a shareware program,
>no luck! This is a pretty popular set-up and surely somebody makes a
>software program for it. Any way I'd appreciate any reference to where
>such could be found by someone who knows more than I. Cliff KC7PPM
>

I have a site that has the FT-736R software. The site is listed on my
homepage at www.netline.net/~burch.

4210. Re: Kenwood TH-79 MODs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: n7ory@primenet.com
Message-ID: <4q3slt$k1@nnrp1.news.primenet.com>
Source record: 199507

eccolo@soback.kornet.nm.kr (JeSung Park (kornet)) wrote:

>Hi,
>I have been looking for MODs forTH-79 in the RX.
>This one is fixed 144-146 and 430-439.
>I want this one have about 130-170 and 800-900.
>Please let me know the MODs.
>Thanks in advance.

>Park

>eccolo@soback.kornet.nm.kr

I took a closer look at the schematics, and my Th-79A the other day.
The 800Mhz parts are not installed on mine. SN# 70301168
They should be located under the small daughter board on the RF
(belt-clip) side of the rig when apart.

Component values are given on the schematic, but I am no brain
surgeon, and that's the kind of skill required to try and install the
parts yourself. Real small space to work with.

Rob Neff (N7ORY)

4211. Re: Yaesu FT747GX trouble

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4q3sub$6bi@newsbf02.news.aol.com>
Source record: 199508

In article <4pog71$kch@news1.t1.usa.pipeline.com>,
dslosty@usa.pipeline.com(D/S/Losty) writes:

>
>I've got a Yaesu FT747GX HF transceiver with a problem
>that's been difficut for me to solve.
>
>Periodically, on any or all modes, the relative RF output
>meter will pin and the actual RF output will drop to near
>zero - at least on the indicated frequency. It's very possible
>that the radio is putting out wideband garbage when this happens.
>By the time I get in to start 'scoping around, the symptom
>disappears and the radio works fine. I often use the radio for
>pactor communications, so when the symptom occurs, I loose
>the link - very annoying.
>
>Any ideas?
>
>Doug/WA1TUT

Hi Doug,

I've had stability problems with two 747 rigs I own, and hve had a hard
time fixing them.

They seem worse into a hi-Q load like a mobile antenna or an antenna
tuner.

I don't know if you are having the same problem or not. With mine, the
problem shows as RF output when the radio is in transmitt but no signal is
present. In both rigs, it is an oscillation in the AM broadcast band.

They don't do this into a dummy load.

73 Tom

4212. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: jbaltz@news.cs.columbia.edu
Message-ID: <4q3tgs$3lq@tune.cs.columbia.edu>
Source record: 199509
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <31C526EE.2ACB@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> wrote:
>Ham radio is so unappealing to the young:
>1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
>she refused.

Gee, Burt, you'd think that after all the good words about Ham radio you
have to say, your own daughter would be interested:

KA1VBQ FISHER, SAMANTHA A LIC ISU 24-APR-1990
TECH PLUS 389 OLD BASS RIVER RD LIC EXP 24-APR-2000
DOB 24-AUG-1981 SOUTH DENNIS MA 02660 LST UPD 24-APR-1990

>2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
>use it.

Well, I can see why he'd refuse the HF gear -- he can't use it!

N1XIY FETTIG, ABRAM L LIC ISU 20-MAY-1996
TECH 418 GULLS WAY LIC EXP 20-MAY-2006
DOB 16-SEP-1979 BREWSTER MA 02631 LST UPD 20-MAY-1996

>Burt

//jbaltz
--
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@cs.columbia.edu jbaltz@scisun.sci.ccny.cuny.edu KE3ML

4213. Re: Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4q3tk2$6p2@newsbf02.news.aol.com>
Source record: 199510

In article <31C09BE3.74F1@magic.itg.ti.com>, Joe Fitter BV/N0IAT
<FITR%mimi@magic.itg.ti.com> writes:

>
>1. NO built in VSWR meter
>2. No built in CW keyer
>
>Otherwise, a superb rig with an exceptional receiver and great
>CW and SSB transmit. I use mine as a travel rig too and it's
>quite durable and light-weight.
>
>73, Joe

If you consider the fact the 706 keyer doesn't work right, it has a
useless ratio contol described in the manual as a weight control, then
you're left with only number one.

I do however, like the six and two meter features of the 706.

73 Tom

4214. Re: Help! FT-101ee Grounded to Neutral PoP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4q3u9p$78i@newsbf02.news.aol.com>
Source record: 199511

In article <31c1033b.4999290@news.west.net>, allenm@rain.org (Allen) writes:

>
>HI.. After recently moving I hooked up my 101ee up and found a
>conveniently close copper water pipe for groung...I flipped on the
>power switch...fine.... but when i flipped on the HEATER switch the
>panel lamps went BRIGHT and the fuse blew.....inspection revealed that
>the water system to the house was tied in to the white NEUTRAL wire in
>the breaker box !!??...that danger is fixed....Now my problem..the
>short from earth ground to neutral destroyd the filaments in all three
>tubes....I purchased a new pair of finals and predriver from ICC and
>installed them after checking the filament volteage at the socket....
>Now I cant get any resting current....filaments glow proper....It wont
>load properly....output is not what it should be....neutralizing has
>no effect...20 mtrs is the ony band it tries to load up
>properly....before i dig in to the rig I wondered if someone out
>there has been down this road before so ANY thoughts on this will be
>greatly appreciated !! Thanks ...
> Allen KB6PQG allenm@rain.org
>
>

Allan, What's wrong with having the neutral tied to the water pipes at the fuse box? Almost every house does!

You have a problem in the rig, not the house wiring. Your rig is unsafe. If you measure from each side of the power cord to the cabinet of the rig with the power switches on, I'll bet you find a ground fault.

73 Tom

4215. RE: Equipment from a silent key...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-17 00:00:00 UTC
From: bob@waterw.com
Message-ID: <4q3v87$aa2@sea.waterw.com>
Source record: 199512

In article <01bb5b3c.07011f20$135c09ce@cdavis>, Chris Davis <cdavis@ptel.net> says:
>
>Then let this follow with a conversation about Mr. XX and his influence
>and affect on you. I'd bet money that she'd be just beaming after the
>talk with you.
>
>I think I listen to too many talk-radio psychologist shows...!
>

I deleted the original message that started this chain, which is
where my comments should have been, but here they are...

After the only ham in a family dies, the family likes to leave the
shack as-is for a while ("it makes me think of dad just to walk
into his radio room and look at it all"). After a while, they
might want to use the space for something else, or even get rid
of it to prevent worries about lightning strikes, etc. Non-hams
have odd thoughts about all those metal boxes!

You or someone else in a local club might also offer to help the
family in selling off some/all of the equipment. There is a guy
in our club who has done this for years; he is very friendly with
almost everyone in the club, so most of the XYLs know him. He
and another fellow go in and take inventory, then give the family
a list of sellable items and reasonable prices. Joe then puts
ads in local ham newsletters and sells *most* of it. He NEVER
takes a commision for himself, but does occasionally make a deal
with the family for something that the club could use: "If I can
sell the rig and tower, would you be willing to donate the antenna
to the local radio club?"

It may seem harsh or crude to offer to sell off the equipment, but
the family may be very grateful for your efforts. You can, of course,
buy some of the items yourself. I would tell them and also explain
how much it means to you to own some of your elmer's equipment.

73
Bob

4216. FS: Motorola EVM 68HC05 Develpment board

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: art@ME.UVic.ca
Message-ID: <art-1806960030400001@p18-148.dialup.uvic.ca>
Source record: 199263

```
MC68HC05EVM, Rev.B
Motorola Development Board for the MC68HC05C4/C8 and 68HC05C4 microprocessors.
Complete with manual. Working perfectly
$250 US.

art@ME.UVic.ca
```

4217. FS: HP tunable cavity

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: art@ME.UVic.ca
Message-ID: <art-1806960029320001@p18-148.dialup.uvic.ca>
Source record: 199264

HP Tunable frequency meter (cavity) model 536A 0.94-4.2 GHz.
$100

Art

art@ME.UVic.ca

4218. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4q5q93$3hi@lehi.kuentos.guam.net>
Source record: 199265
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>Electrolux and ham radio both have something in common, what?

OH BOY !! A Burt-a-Riddle from our resident HAM-A-ROID !!

Let's see, Burt, let me think about this for a second or two.

Electrolux has vacuum cleaners.
and
Ham Radio has Burt.

So if those two statements are both TRUE, then the obvious
conclusion would be:

Vacuum cleaners suck.
and
Burt sucks.

So there's your answer Burt. Electrolux and Ham Radio both have
something that SUCKS !!! Gee, I love a good Burt-A-Riddle.

Here's one for you Burt. Did your mother have any normal children ?

Besides that, maybe both those kids are smarter than you think. Maybe
their mothers told them never to take candy (or ham gear) from
wierdos. Could that be why you can't 'Give it away' ?

73, Jim KH2D

4219. Re: Class?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4q5qd7$3hi@lehi.kuentos.guam.net>
Source record: 199266
Cross-posted to:
alt.support.divorce,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

> The Victor
> By: C.W. Longenecker

>If you think you are beaten, you are.
>If you think you dare not, you don't.
>If you like to win but think you can't,
>It's almost a cinch you won't.
>If you think you'll lose, you're lost.
>For out in the world we find
>Success begins with a fellow's will.
>It's all in the state of mind.
>If you think you are outclassed, you are.
>You've go to think high to rise.
>You've got to be sure of yourself before
>You can ever win a prize.
>Life's battles don't always go
>To the stronger or faster man.
>But soon or later, the man who wins
>Is the man who thinks he can.

That's nice, Burt. Did the poetry newsgroup run you off, or are
we just lucky ?

4220. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4q5pm6$3hi@lehi.kuentos.guam.net>
Source record: 199267
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles1@netcom.com (charles copeland) wrote:

>This brings up my question: Is it hopeless to run HF voice at 100 watts?

No, it's not hopeless. Lot's of people run 100 watts on HF. But a few things to consider. First, the most important part of any HF station is the antenna. I take it you are using indoor antennas. Outside will work much better. Higher will work much better (to a point, but unless you get up to 200 feet, we won't worry about that now). With a dipole up 30 or 40 feet you should find plenty of people to talk to. Second, we are at the very bottom of a sunspot cycle right now. Which means HF propagation is about as bad as it ever gets. Wait five or six years and you will be able to work the world with an indoor antenna. Right now you need something outside.

73, Jim KH2D

4221. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960618044415.37743B-100000@freenet3.afn.org>
Source record: 199268
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In regards to only running a 100W, I basically only use 80-100W...
I run 7.251, 7.248, 14.305, 3847.5, 3945 in the mobile an at home.
At home I use a G5RV up about 40' with my IC-751 an Dentron Ant tunner.
I also work digital modes on 20, 40 & 80 at about 50W out due to the
heavy duty cycle on Pactor, Amtor & ect.

Its not so much the power, my mobile Atlas 210X only does 80-100w at
best, its how you get it to the antenna an type of antenna. The people
I talk with on a routine basis have no problem hearing me, even if I'm
not the strongest station they ever heard...

Your going to have to look hard at your antenna system, are re-consider
its layout or feed line or other factors which would apply...
I know this doesn't solve your problem, it just understates the fact
that a antenna system can either make or break you...

Just remember if your S-5 on a 100w, and if every time you double your
power you could come up 1 S unit; what would your signal be at 800W..?
100, 200, 400 & 800w Figure it out... Its not the difference of S-5 to
60/9... either.

There are some really sharp guys here on this newsgroup, an they will
probably have much better ideas on what you might need to do, than me.
Just don't give up...
73 De Tom

4222. Kenwood DSP-100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: "Hani Freiwat, M.Sc." <hafr@ups.ifsab.se>
Message-ID: <31C66F9A.4E90@ups.ifsab.se>
Source record: 199269

Hi,

Did any body used the 16 bit DSP-100 with the TS450/TS690? is it worth
to buy? does it give good 4rth IF performance on SSB and AM receive?
i.e. better with xtal filters or...

Thankfull for any comments!

Hani, 73 SM5TAO

4223. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: claude@bauv.unibw-muenchen.de
Message-ID: <claude.835088553@bauv111>
Source record: 199270
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> writes:

>The best selling book, "Hitler's Willing Executioners" by Daniel Jonah
>Goldhagen tells the story of how ordinary Germans (like hams) allowed
>the holocaust to take place. The author shows the ingrained deep hatred
>for Jews that Germans had for Jews before Hitler came to power and that
>there was a widely held shared view that the the Jews ought to be
>eliminated in some way from German society.

This is not correct. In fact, there was a hate against Jews in nearly
all countries of Europe before 1933, but it was limited. There were
many problems in Germany at the time Hitler came to power. They were
not more related to Jews as to anything else, but Hitler used the latent
hate in order to find an explanation of the problems of the time. Hitler
proposed himself as the saver from all the evils, his solution was
simple: all the problems came only from the Jews, therefore they have
to be discarded (later: eliminated). Hitler's hate against Jews IS NOT
the reason why he was so popular in Germany all the time, in all the
parts of the society. These reasons are more complex.
--
Claude
(claude@bauv106.bauv.unibw-muenchen.de)
The opinions expressed above represent those of the writer
and not necessarily those of her employer.

4224. Re: Juns Electronics

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: seymourwd@aol.com
Message-ID: <4q5td2$rql@newsbf02.news.aol.com>
Source record: 199271

I'm glad you found them..they are great folks and have been helpful with all my purchases. They have great service and you all should give them a visit when your in the Los Angeles area...ask for Jack, Steve Raul or Mr. Jun...Seymour W. Duncan-KD6HKO

4225. FT-707

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: frankyb@glo.be
Message-ID: <4q5veu$k82@rhea.glo.be>
Source record: 199272

Is it possible to modifie the yaesu FT-707 to a general
coverage receiver...?

Please let me know...
73's de Franky ON1BP

4226. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Peter Lemken <plemken@mail.hb.provi.de>
Message-ID: <4q61tp$b1u@power5.rz.uni-hohenheim.de>
Source record: 199273
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

How about giving CW a try?

Peter Lemken
DF5JT/KE4UNQ

4227. ACC RC 96 Repair

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Ralph Zancha <rzancha@moultrie.com>
Message-ID: <31C69391.4F4D@moultrie.com>
Source record: 199274

Hello;
I am writing this question on behalf of the Moultrie Amateur Radio Klub. we have an ACC RC96 that needs some repair work done on it. Does anyone know were we might get that done or is just a time to have th insurance purchase us another. It took a voltage surge from a lightning strike near by.

It seems to still work but can't program it anymore and the dtmf decoder does not work.

Thanks
Ralph Zancha
WC9V

4228. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: kuzen001@acpub.duke.edu
Message-ID: <4q670q$mos@newsgate.duke.edu>
Source record: 199275
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles copeland (charles1@netcom.com) wrote:
: I recently got my general, and have trying my luck on HF voice
: using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
: dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
: sitting on mag mount on floor with two 30' folded counter poise wires).
: My luck has been rotten, (with exception of 10 meters). I've talked...
: If I were to get a inverted V dipole up at 40' would I have the same
: lousy luck? What cheap portable antenna would be most efficient?

: Is 100 watts sufficient when the sunspot cycle picks up?

: Are 20m-160m bands strictly the domain of the "big guns"
: running 1500 watts, 100 foot towers, and monster beams?

Twenty meters is a toughie--a lot of big stations hang out there.
But I've worked a lot of DX there with 75 watts and a lousy dipole
up about 40 feet.

Your antenna setup is pretty bad, and sunspots are lousy just now.
See what you can do about getting a better antenna up, and soon
we'll have better propagation. One hint: Try 15 meters. It's
a lot less crowded than 20, offers great DX and great ragchews,
and is more stable than 10 meters.

BTW, my "lousy dipole" is just two hunks of wire 34' long, fed with
ladder line and a cheap transmatch. It's not much, but it works.
Hope this helps! GL and 73!
--Ken

Ken Kuzenski AC4RD kuzen001@acpub.duke.edu
jkk@galactose.mc.duke.edu Fidonet: 1:3641/1.1

All disclaimers apply; this is just MHO, not Duke's

4229. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <Dt741A.8M2@hpqmoea.sqf.hp.com>
Source record: 199276

William E. Sabin (sabinw@crpl.cedar-rapids.lib.ia.us) wrote:

: Unfortunately, I would not be able to be of much
: help because of the legalities involved.

Understood! I was just looking for a general guide to the prices, I bingo-carded data sheets some time ago.

: They are very nice filters, though, and I did a lot of work with them
: during the preparation of the RF Design/QEX article.

They get around the problem of finding a decent set of AM/SSB/CW bandwidths... Some of the SSB Ceramic jobs at 455kHz are not too bad (though not in this league) though there is nothing narrower available for CW. There are plenty of modest SSB filters on 9MHz, though the cheaper ones seem to be drying up, and again less availability of something on the same IF for CW. The KVG (MHz family are effectively priced out of the reach of an amateur kit builder, though they do offer a full set of filters suited to all the popular modes.

I've suggested the new Collins devices rather strongly to him, they will do the job nicely and lend a certain cachet, as Yaesu have been using... It would be possible to lay boards so that they could be optionally loaded with a ceramic SSB and AM filter as a low cost version which can later be upgraded with the mechanical filter (and a few different associated components) and the CW bandwidths added etc. There was a QEX article recently about a multiband HF transceiver based on his kits and the summing loop that G3ROO and myself did. He's wondering about a general coverage RX/amateur band TX kit that can be built to different levels, and I offered some help. With something like SD5000 Dmosfet based passive mixers, a decent synth based on his recent DDS board as the fine-resolution stage, and some care over low distortion in the IF and audio stages, I suspect it's not too difficult to create something noticably superior to the ready-built bells and whistles boxes, within the capabilities of most kit builders.

: If you and your friends wanted to do a group buy you could contact:

: Bob Johnson
: Rockwell Filter Products

I'll pass this on to Sheldon

Cheers
David

4230. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: rlubash@poco.mv.com
Message-ID: <Dt72LM.91L@mv.mv.com>
Source record: 199277
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <charles1Dt4En2.3zu@netcom.com>
charles1@netcom.com (charles copeland) writes:

> I recently got my general, and have trying my luck on HF voice
> using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
> dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
> sitting on mag mount on floor with two 30' folded counter poise wires).
>
> My luck has been rotten, (with exception of 10 meters). I've talked
> to three HAMS on 20 meters only to have to struggle just to get
> them to recognize my callsign.
Snip

Hi Charles,

I Have been opperating with 100 watts since I got my licence with great
results. I use a G5RV on 80 and 40 meters and a R-7 Vertical on 40-10
meters. I Have worked Europe, Africa, South America and much of North
America on SSB, CW and RTTY/Pactor in the past 4 months. The Vertical
though not a *ideal* antenna takes up little room, has a small
footprint and does not have to be mounted very high (cushcraft
recomends at least 9 feet off the ground). Also I have found that when
all else fails you can almost always get a QSO going on CW.

Don't give up!!! Its' proably your antenna.

Richard Lubash
N1VXW
email rlubash@poco.mv.com

4231. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <Dt74nC.90x@hpqmoea.sqf.hp.com>
Source record: 199278

William E. Sabin (sabinw@crpl.cedar-rapids.lib.ia.us) wrote:

: The old filters were bigger, had more inserion loss, had more intermod
: problems and were not as rugged. I can't think of any way that the old
: filters are better, except that they may be available at flea markets.
: Even then, we need to be sure that they haven't been damaged in one way
: or another. The new models are really neat.

The old filters were designed in an age when bands were less crowded
and there was a lot less demand placed on RX intermod etc. Modern
improvements in mixer design have made crystal filters look inadequate!

Crystal filters, years ago often had major design oversights (by
today's standards) in that you'd often find transformer input structures
feeding their lattice structures where the input transformer core spoiled
the intermod performance. A case of spoiling ships for a ha'porth of tar.

Old mechanical filters from the likes of Collins, Kokusai, etc had
similar problems, different transducers were tried, and some of them were
pretty non-linear, giving poor intermod performance in advance of the
filtering function, though some were fairly good. Magnetostriction, piezo
electricity etc all were used.

As recent designs, I suspect that rather a lot of work will have
gone into keeping the new types linear. No doubt Bill can confirm.
Flea market availability is probably the only advantage, as Bill said,
though I never see any in the UK.

Cheers
David GM4ZNX

4232. tucker tf-144 intermod filter problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: paul newman <pauln@ozemail.com.au>
Message-ID: <31C78F2E.3519@ozemail.com.au>
Source record: 199279

have used this filter for a while now but find its rf switching unreliable. have tried different values of pick off capacitor it was 10 pf- lower and higher without any change also tried several resistors(to replace the c) 5k to 20k agn without any change. switching is very reliable on low powers i.e.less than 5w(hence my train of thought) but over 5w even with the changes above still no good? is it possible that it has something to do with swr protection circuit of the rig? all help/ideas appreciated.
paul vk8pn

4233. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: John Lloyd KE4UTX <jlloyd@raleigh.ibm.com>
Message-ID: <31C6A978.41C6@raleigh.ibm.com>
Source record: 199280
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Charles,
In the passed year and a half I have worked about 110
countries and 48 states running 100 watts.
The antennas I used were a 40ft
dipole hanging vertically from a tree outside my apartment
window and a hamstick on my car. Somedays I made contacts
left and right. While other days it seemed nobody could hear
me. If you want to work the world on 100 watts all you need
is a little creativity and patience.

John

p.s. My 5th contact running 100 watts was Western Australia on
40m SSB!

--
John Lloyd
Email * jlloyd@raleigh.ibm.com
Phone * 919-254-8021
Packet * ke4utx@ac4et.#nefl.fl.usa.noam
CW * --... ...-- -.. . -.- . ....- ..- - -..-

4234. Re: Mic for use in motorcycle helmet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: dmdabay@pen.k12.va.us
Message-ID: <Dt73L3.2CCp@pen.k12.va.us>
Source record: 199281

You may want to try Racing Radios in Georgia, they take David Clark and Telex
pieces and they are designed to be used inside helmets, We use some at the race track and
they are very comfortable, and are clear and easy to use. If
Interested email me and I will get a phone number and our sales contact for you

Good riding!!
dave

Dave Dabay KD3PC Technology Specialist Radford City Schools
Race at the New Elk Creek Dragway

4235. WTB: Drake MS-4 speaker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: rtompson@nr.infi.net
Message-ID: <4q6aac$m1v@nw101.infi.net>
Source record: 199282

Will pay a reasonable price plus shipping for Drake MS-4 speaker
(matches TR-4).

Cosmetics not important.

4236. maxtrac, radius pinout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: cn1135@abaco.coastalnet.com
Message-ID: <4q69qn$3o9@treasure.coastalnet.com>
Source record: 199283

Greetings,

Anyone got the pinout for the 16 pin connector for radius and maxtrac?
I know that pins 4,6,8,9,12 and 14 are software controlled. Looking for the others.

Was the high signalling option available on models with only the 5 pin connector? I'm doing a blank board init.

Lastly,
Would anyone be interested in reading or contributing to a Motorola two-way FAQ. I'd like to include info on model, dates of manufacture, programming, crystals(if necessary), power output, accessories,frequency range, mods for amateur frequencies, repeater, etc, etc. If there is interest, let me know.

4237. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jafl@msg.ti.com
Message-ID: <4q6ab6$rm9@ganesh.mc.ti.com>
Source record: 199284
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Charles:
It won't tke you long in ham radio experience to realize that the most dollar per performance is in the antenna. You are presently working with antnnas that are in the region of 1-5% efficient. You won't get out very well with them. Does your apartment house have metal drain pipes, trees, balconies? A little innovation will make a world of difference. In college, I loaded up the campus 187' flagpole.
Jim W0oog/5

In article <charles1Dt4En2.3zu@netcom.com>, charles1@netcom.com says...
>
>I recently got my general, and have trying my luck on HF voice
>using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
>dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
>sitting on mag mount on floor with two 30' folded counter poise
wires).
>
>My luck has been rotten, (with exception of 10 meters). I've talked
>to three HAMS on 20 meters only to have to struggle just to get
>them to recognize my callsign.
>
>This brings up my question: Is it hopeless to run HF voice at 100
watts?
>
>If I were to get a inverted V dipole up at 40' would I have the same
>lousy luck? What cheap portable antenna would be most efficient?
>
>I know two other HAMS who have recently gotten their general,
>and both report lousy results on 20m-160m running 100watts.
>Both live on third floor apartments using folded dipoles. Both rarely
>are able to snag a QSO.
>
>What about running mobile? A 6' whip should pale to a 60' dipole on 3d
floor?
>Seems 100 watts and a whip would be worse than hopeless.
>
>Is 100 watts sufficient when the sunspot cycle picks up?
>
>Are 20m-160m bands strictly the domain of the "big guns"
>running 1500 watts, 100 foot towers, and monster beams?
>
>If this is so, what is the minimum setup to operate effectively?
>

>400 watts, 600 watts, 1000 watts?
>
>30', 40', 60', 100', tower?
>
>antennas?
>

4238. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Cecil Moore <cmoore@sedona.intel.com>
Message-ID: <4q6c3e$qih@itnews.sc.intel.com>
Source record: 199285
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles1@netcom.com (charles copeland) wrote:

> and a 64 foot folded dipole at 7' in my first floor apartment
> My luck has been rotten,

Hi Charles, this is not luck. This is a system designed to fail.
The percentage of energy not making it up out of your house has to
be in the 90s, probably in the high 90s. By all means get that
antenna up to 40 ft or higher. I regularly talk to New Zealand on
100w and a 102 ft dipole at 30 ft.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

4239. Re: XTAL vs MECHANICAL filters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: "William E. Sabin" <sabinw@crpl.cedar-rapids.lib.ia.us>
Message-ID: <31C6DFFB.4DD0@crpl.cedar-rapids.lib.ia.us>
Source record: 199286

David Stockton wrote:
>
>
> As recent designs, I suspect that rather a lot of work will have
> gone into keeping the new types linear. No doubt Bill can confirm.
> Flea market availability is probably the only advantage, as Bill said,
> though I never see any in the UK.
>

A lot of work has been done to linearize the mechanical filters. At Collins Radio in the mid-1960s, I helped to identify these problems and raise the warning flags. I did similar work with crystal filters, which had contamination problems that caused crazy kinds of intermod problems. The xtal filter vendors are pretty much aware of these problems nowadays and the importance of intermod distortion.

Bill W0IYH

4240. Re: FT-50R program kit/where can I get?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: David De Coons <ddecoons@easyway.net>
Message-ID: <01bb5d2b.9314a040$f6b2e8cd@ddecoons>
Source record: 199287

Try RT Systems in Huntsville, Alabama. They make the software and cable.
They also have a 1-800 number.

--
David De Coons
ddecoons@easyway.net

> estedman@aol.com (EStedman) wrote in article
<4q4ne2$16c@newsbf02.news.aol.com>...
> Hi -
> where can I get a programming kit for the Yaesu FT-50R that everyone is
> talking about?
> HRO says its not available yet - but people have them.
> Is the connector the same as for other Yaesu rigs?
> Any help is appreciated.
> Thanks
> Ernie
> N2OJQ
>

4241. Re: IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: David De Coons <ddecoons@easyway.net>
Message-ID: <01bb5d2b.ec9e6100$f6b2e8cd@ddecoons>
Source record: 199288

It's also available from RT Systems in Huntsville Alabama. They make the
cable and software. They also have a toll free number.

--
David De Coons
ddecoons@easyway.net

>
> The new ADMS-1C version for the FT-50R will start showing up on US
> dealers locations starting wednesday, June 19th..
>
> 73's
>
> Kevin, WD6DIH
>

4242. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4q6hhn$hkc@sloth.swcp.com>
Source record: 199289

Burt Fisher <k1oik@ccsnet.com> wrote:

>Ham radio is so unappealing to the young:
>
>1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
>she refused.
>2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
>use it.
>Electrolux and ham radio both have something in common, what?
>
>Burt
>

Gee...Ham Radio is so unappealing to the youg...

Age is 16, and I have been a Ham since I was 12, and am ready to
take the Advanced test. I'm young... Ham Radio is appealing to me...
And I'll be more than happy to take that 2M and HF gear off your hands
if you want to get rid of it.

Boy Scouts of America Amateur Radio - N5ZGT
JASM -Troop 41 ARRL QRP: NorCal# 1700
Albuquerque, N.M. Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com

4243. SABRE COMMUNICATIONS CORPORATION

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Pieter Swanevelder <fskps@pukfsk.puk.ac.za>
Message-ID: <31C6F463.2E34@pukfsk.puk.ac.za>
Source record: 199290

Hello

Could someone please send me the fax number / eMail address of SABRE
COMMUNICATIONS CORPORATION?

Regards,

Pieter Swanevelder mailto:fskps@pukfsk.puk.ac.za
http://www.puk.ac.za/fskdocs/omg/omg_hfradarA.html

4244. Re: looking for 4 contact plug for FT-50R mic/ear jack

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: byoung@qni.com
Message-ID: <4q6kaa$aur@suba01.suba.com>
Source record: 199291

> JungHo Yu <yu.130@pop.service.ohio-state.edu> writes:
>
> i'm looking for 4 contact plug for FT-50R 'cause i wanna make TNC cable
> by using this plug.
> if u have this stuff or know where i can find , pse email me.
> 73s de Matt

snip

>Matt,

I've not been able to find the plug either. (I've checked lots of places, big/small and local/mail order...)

Yaesu sells an adapter for a reasonable price that lets you use a "standard" TNC cable. I bought one
of those and broke down and bought the Yaesu speaker/mic for my FT-10R. Yeah, it cost me more
than if I had waited until the "ring,ring,ring,pin" plug was available, but I've been using the radio for all
the things I bought it for and not waiting for a plug! :^)

Bill Young
byoung@qni.com
KB0UZQ

4245. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: e9326256@stud1.tuwien.ac.at
Message-ID: <561.6742T840T122@stud1.tuwien.ac.at>
Source record: 199292
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

He Jack !

Finally I found out - that you are the one and only fascist
in this discussion -
You still deny any knowledge and education which is not made
up in your own brain
Did you ever visit a (normal) library ?
The hostile power of the (european) socialists are the christian-
democrates - an enforcement in this direction are the nationalist
an some parties (very small one) which have a little bit the touch
of have historical connections to the Nazis.
Maybe this nationalist may be compared with the US-republicans -

Where are you standing, Jack ????

4246. Wanted:6-Meter Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: shaner@postoffice.ptd.net
Message-ID: <4q6n05$ps0@ns2.ptd.net>
Source record: 199293

I am looking for 6-meter equipment to buy. I would like SSB mostly but maybe FM, or an all mode would be nice. Please e-mail me. n3wdm@prolog.net. 73, Shane Reichenbach

4247. Q: Ideas for microwave T1 data link ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: George Georgiev <georgiev@generation.net>
Message-ID: <Pine.SOL.3.91.960618115124.8419A-100000@smtp>
Source record: 199294
Cross-posted to: alt.radio.digital,rec.radio.amateur.equipment

Hi everyone,

I am looking for information about microwave trancivers that are able of carying a data link of about T1 line (1 - 2 mB/s TCP/IP, AX 25 or somethig like) in area of less than 10 km, line-of-sight. I have some points - these, sold my the 'Solution group' fo example, but would like to hear for other manufacturers/equipments. The goal of this is to link two ethernet networks in the city area.

Any suggestion is welcome.

Thanks, George.

--------- All opinions are my own, no company or org. ---------
--------- should be linked with what is stated here. ---------
George Georgiev georgiev@generation.net
geogeo01@aircanada.ca

4248. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: e9326256@stud1.tuwien.ac.at
Message-ID: <1896.6742T827T1060@stud1.tuwien.ac.at>
Source record: 199295
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

> rogerjb@earthlink.net (Roger J. Buffington; AB6WR) wrote:

>>Germany's actions re: the murder of 10 million people, was
>>inexcusable, and unspeakably evil.

>And it was committed by an organization of National *Socialists*.

You take the word socialists out of its connection, and have no
idea about any principle - european politic works -
The socialists lead the politic wing of the EC - And the last
french president (Miterrand?) was also a member of the socialist
party...........

>>However, I call to your attention the fact that Germany
>>has admitted its guilt, and has tried to attone for it.

>Acknowledging guilt is grossly inadequate to reconcile what
>the Nazi party did in terms of the country's ongoing liability.
>Germany is still governed by socialists and despite the horror
>of their history, they have not formed a constitution capable of
>preventing such atrocities in the future. For the present
>government to merely understand and admit that the genocide
>committed by the Nazis was wrong will be of little comfort to
>any future victims.

He JAck !

Do you really think - that the US constitution . or something
in your mind is the only garant for a stable democracy ?
Wonna heal the world by dictationship of rulez ?
Poor US people ....
Maybe you still haven`t discovered that there are some kinds of
Law-systems in the world ???
And I think - that the national oriented parties in germany are -
compared to the US republics - really harmless and social
oriented parties ...
You cannot compare the situation in the States (without having any
idea of foreign history -) with other countrys.
And the education - your government and TV applys to you - may not
equal the present situation in any country.....

Socialists :

This party is the reason why we have a good social system in our
countrys - which cannot compared in any case with that one in the US
....

4249. Help with Atlas 210x CW

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: scicon@ix.netcom.com
Message-ID: <4q6me5$itq@sjx-ixn3.ix.netcom.com>
Source record: 199296

I tried to build the 'remote CW transmit switch' described in the Atlas 210x manual.

The switch didn't work. When I opened the rig, I found out that two of the pins to the Ext. Osc. jack, pins 1 and 9, weren't hooked up to anything.

These pins are supposed to carry the +cw and cw gnd lines.

The rig doesn't appear to be modified, the lugs to these pins are very clean with no trace of solder on them.

I'd really like to build this switch because I use CW exclusivly.

Can any Atlas owners out there help?

Thanks

Dan KE6LBX

4250. What's a Substitute for a 8950 tube?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: sba3020@InfoNET.st-johns.nf.ca
Message-ID: <4q6lpi$do@coranto.ucs.mun.ca>
Source record: 199297

What tubes can substitute for the 8950?

4251. Alinco DJ-191T Mods...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: beck01@primeline.com
Message-ID: <4q6snd$g15@news.primeline.com>
Source record: 199298

Does anyone have a mod for the Alinco DJ-191T to allow out-of-band transmission? I have a business frequency in the 157mhz range I would like to use it on.

Lowell
N4ZLJ

4252. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4q6ra0$6jt@shore.shore.net>
Source record: 199299
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles1@netcom.com (charles copeland) wrote:

>This brings up my question: Is it hopeless to run HF voice at 100 watts?

I was stationed in Korea (South of course) from June of 1989 to June
of 1990 and obtained the call of HL9ZF whilst there. I was billeted
on the second floor in what are now Korean condos.

Anyway, I used a Hustler MO-2 mobile mast with the 10, 15, and 20
meter resonators and had it attached to the rail on the balcony. I
worked Montevideo (sp?) in Uraguay on 10 meters running only about 60
or 70 watts. Can't get any farther than that....it's half way, almost
to the mile, around the world.

==========
cheers! jim martin, wk1v
lowell, mass
http://www.shore.net/~jjmartin/jjm.htm

4253. Re: MFJ keyboards?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jduffy@aol.com
Message-ID: <4q6qjb$8io@newsbf02.news.aol.com>
Source record: 199300

I have the two lower priced models. The low end model (no display) is very prone to being locked up with stray RF. On 20 meters I can't run more than about 40 watts. I use it with just the QRP rigs now.

Then I bought the next model up because it is supposed to be RF proof. I does a lot better but get locked up every now and then with RF. But it is far better than the low priced model. For the price, it's not bad.

The top end product is just a few more bells and whistles. Stick with the mid-range product.

Regards,

Duffy - WB8NUT

4254. six meter coaxial filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <4q6q8g$hdr@news.jf.intel.com>
Source record: 199301

My new Icom 706 is getting plastered with apparently intermod
when I turn my yagi anywhere near the channel 2 TV tower about
2 miles away. I have to keep the antenna sideways to it if
the preamp is on. The 706 is okay without the preamp on but
then sensitivity way down.
I've been looking at 50 Mhz coaxial cavity filter designs.
There was a coffee can filter posted a few years ago but it
claims to have a 3db loss. I have a silver plated 160 Mhz dual
cavity filter that I'm playing with. I took it apart and stacked
it end-to-end to make a long single cavity. By adding more
capacitance I think I can get it down to 50.15 Mhz. I don't
want it too narrow and am thinking of increasing the area of the
loop pickups. There isn't much design information on these
things in the popular ham publications, unfortunately.
From what I understand, these coaxial filters really represent
a one turn loop with series capacitance that is loose coupled
on both input and output. A real cavity would be much larger.

Ideally I would mount this thing at my antenna with a nice
pre-amp immediately behind it and just forget the IC-706 pre-amp
on six meters.

A nice opening on 6 meters to the East Coast last nite has
inspired me to be able to turn my beam somewhere other than
North-South.

Any ideas?

Jim WA7LDV

--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

4255. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: "John T. Young" <jtyoung@u.washington.edu>
Message-ID: <Pine.PTX.3.92a.960618121331.21096B-100000@carson.u.washington.edu>
Source record: 199302
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Your antenna is probably the problem...way too low. I worked 200 DXCC
countries using only a 20 meter dipole strung at 35 feet (NOT 7' !!) and
100 watts from 1993-95, the sunspot low. Get it up and you'll get out.
Best 73, de John, KI7JB.

On Mon, 17 Jun 1996, charles copeland wrote:

> I recently got my general, and have trying my luck on HF voice
> using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
> dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
> sitting on mag mount on floor with two 30' folded counter poise wires).
>
> My luck has been rotten, (with exception of 10 meters). I've talked
> to three HAMS on 20 meters only to have to struggle just to get
> them to recognize my callsign.
>
> This brings up my question: Is it hopeless to run HF voice at 100 watts?
>
> If I were to get a inverted V dipole up at 40' would I have the same
> lousy luck? What cheap portable antenna would be most efficient?
>
> I know two other HAMS who have recently gotten their general,
> and both report lousy results on 20m-160m running 100watts.
> Both live on third floor apartments using folded dipoles. Both rarely
> are able to snag a QSO.
>
> What about running mobile? A 6' whip should pale to a 60' dipole on 3d floor?
> Seems 100 watts and a whip would be worse than hopeless.
>
> Is 100 watts sufficient when the sunspot cycle picks up?
>
> Are 20m-160m bands strictly the domain of the "big guns"
> running 1500 watts, 100 foot towers, and monster beams?
>
> If this is so, what is the minimum setup to operate effectively?
>
> 400 watts, 600 watts, 1000 watts?
>
> 30', 40', 60', 100', tower?
>
> antennas?
>
>
>

4256. Re: * Which is better: IC-706 or TS-450s ? *

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jimf@zoinks.corp.sgi.com
Message-ID: <4q6tva$diu@murrow.corp.sgi.com>
Source record: 199303

In article <4q5ck9$ig9@epx.cis.umn.edu>, ibra0002@gold.tc.umn.edu (Ayman Ibrahim) writes:
|> Organization: U of Minnesota
|> Lines: 5
|> Message-ID: <4q5ck9$ig9@epx.cis.umn.edu>
|> Reply-To: ibra0002@gold.tc.umn.edu
|> NNTP-Posting-Host: dialup-3-202.gw.umn.edu
|> X-Newsreader: Forte Free Agent 1.0.82
|>
|> I am in the market for a new Trmtr/Rcvr. Can't decide between the
|> IC-706 or TS-450s. Woulld appreciate your input via email.
|>
|> Ayman
|>

If politics might have any sway with you tehn the ICOM is a better choice.

The reason is that Kenwood has recently started a new sales tactic that distributes to retail shops at truck stops, stereo stores, gas stations, and what have you. They are trying to increase their sales markedly. A number of hams are upset at this due to the obvious lack of concern that these new retail agents will have for license checking. This means that any old schmuck, CBer, or dope dealer has a new and easy method to obtain radios that transmit on the amateur bands.

Now if this matters to you, then you might want to purchase something else rather than a Kenwood product. I certainly won't do business with them until this sales tactic is changed.

Jim

4257. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4q70sl$of6@crash.microserve.net>
Source record: 199304
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

e9326256@stud1.tuwien.ac.at (Wolfgang F. Gaerber) wrote:
>I wrote:

>>And it was committed by an organization of National *Socialists*.

>You take the word socialists out of its connection, and have no
>idea about any principle - european politic works -
>The socialists lead the politic wing of the EC - And the last
>french president (Miterrand?) was also a member of the socialist
>party...........

Hi Wolfgang,

The names of German political parties do not concern me.
I must admit, however, I have not seen the word "socialist"
in the name of a party that did not practice it.

>Do you really think - that the US constitution . or something
>in your mind is the only garant for a stable democracy ?

No. The U.S. Constitution was flawed in its creation and its
inadequate protections have since been further weakened. As
for something in my mind, intellect is the only means by
which man achieves morality.

>Wonna heal the world by dictationship of rulez ?

Yes, rules which I call "moral law".

>Poor US people ....
>Maybe you still haven`t discovered that there are some kinds of
>Law-systems in the world ???
>And I think - that the national oriented parties in germany are -
>compared to the US republics - really harmless and social
>oriented parties ...

No socialist philosophy is harmless.

>You cannot compare the situation in the States (without having
>any idea of foreign history -) with other countrys.

Perhaps you're right. All I can do is to help others
understand why socialism is tyranny. That's a universal
truth.

>And the education - your government and TV applys to you - may
>not equal the present situation in any country.....

I agree. Socialism is practiced in many different ways.

>Socialists :
>
>This party is the reason why we have a good social system
>in our countrys - which cannot compared in any case with
>that one in the US .....

Social order was also strictly maintained in the Soviet Union,
but not by moral means.

73,
Jack WB3U

4258. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4q6v59$d66@safety.ics.uci.edu>
Source record: 199305
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In <charles1Dt4En2.3zu@netcom.com> charles1@netcom.com (charles copeland) writes:

>using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
>dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
>sitting on mag mount on floor with two 30' folded counter poise wires).

It sounds like about right. You do not get much signal out into the
ether with these sorts of antennas indoor at low heights. You can
expect no more.

>This brings up my question: Is it hopeless to run HF voice at 100 watts?

Gee, just saying "HF" is silly in this context. It is hopeless to run
2 KW into a dummy load. It is very easy to run HF with 3 watts to a
good efficient dipole up 50 feet in the clear. Your antenna is the
single most important piece of equipment you have, you need a better
one!

>If I were to get a inverted V dipole up at 40' would I have the same
>lousy luck?

No. That is an easy question. That sort of antenna with 100 watts would
be really "easy" by many standards, too easy for many who like to run
very low power with simple antennas.

>What cheap portable antenna would be most efficient?

No such thing as a free lunch. You need to know this in your bones. It
is absolutely true and most important to know. No small antenna will
do anywhere near as well as a full sized one. No low antenna will do
nearly as well as one at a half wave above ground. Etc, etc.

>Both live on third floor apartments using folded dipoles. Both rarely
>are able to snag a QSO.

Same comments. They need an antenna. That is all.

>Seems 100 watts and a whip would be worse than hopeless.

Not always, but it is always less efficient than a full sized antenna.

>Is 100 watts sufficient when the sunspot cycle picks up?

It is sufficient anytime with a real antenna, etc etc.

>Are 20m-160m bands strictly the domain of the "big guns"
>running 1500 watts, 100 foot towers, and monster beams?

It is hard to tell if you are trying to flame bait here. Of course the answer is no. I can tell you about guys running 10 watts maximum PEP who are on the DXCC honor roll. I personally did WAS SSB on 40 meters with 5 watts PEP in about 2 months two years ago. I had a real antenna. A full sized dipole at 40 feet.

Good luck, if you really want the answers, they are out there.
Try a nearly invisible long wire with thin, thin wire into the trees outside as high as you can get it. Get / build an antenna tuner and you will have all bands with 100 feet of wire out there.

Clark
WA3JPG

4259. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4q717h$of6@crash.microserve.net>
Source record: 199306
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

e9326256@stud1.tuwien.ac.at (Wolfgang F. Gaerber) wrote:

>He Jack !
>
>Finally I found out - that you are the one and only fascist
>in this discussion -

Fascists and socialists both advocate the immoral use of
force against citizens. That's contrary to my views.

>You still deny any knowledge and education which is not made
>up in your own brain

I deny only those concepts which cannot be proved to be moral
by logic and reason. Morality requires purity, therefore all
manifestations of government power that cannot be proved
moral (or can be proved immoral) must be discarded.

>Did you ever visit a (normal) library ?

I don't know. Maybe they were abnormal and I just didn't
realize it. ;)

>The hostile power of the (european) socialists are the christian-
>democrates - an enforcement in this direction are the nationalist
>an some parties (very small one) which have a little bit the touch
>of have historical connections to the Nazis.

Socialist control was the means by which the Nazis first
violated the rights of German citizens. That is the
connection to all modern German parties (and others).

>Maybe this nationalist may be compared with the US-republicans -

Yes, I see similarities.

>Where are you standing, Jack ????

My position will be clarified if you read the articles
and replies I have posted to Rec.Radio.Amateur.Policy.

73,
Jack WB3U

4260. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Jim <jstrohm@texas.net>
Message-ID: <4q6ulk$19nd@newsgate.sps.mot.com>
Source record: 199307
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Hang in there, and pay some attention to what the other respondents suggest about improving your antenna system. 100 watts is plenty.

But here's something else to consider: It's a lot more important HOW you operate, and WHEN you operate, than what you're operating. You'll find that your results improve dramatically when you target your bands at the best time of the day for each band, relative both to your QTH and that of your target QSO.

You should be able to have some fun on Field Day....

4261. Kenwood TR7730 sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: wa4bwb@gnn.com
Message-ID: <4q70vs$ndj@news-e2c.gnn.com>
Source record: 199308

I have a Kenwood TR7730 vhf 2 meter 25 watt mobile with manual in good shape for sale. It works perfectly but cosmetically shows some age. If interested, please return Email WA4BWB@gnn.com or phone (804)845-4721, my work in Virginia. $150 and reasonable shipping. Thanks for your interest.

4262. Re: Help! FT-101ee Grounded to Neutral PoP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <31C73556.513C@nando.net>
Source record: 199309

> In article <31c1033b.4999290@news.west.net>, allenm@rain.org (Allen)
> writes:
>
> >
> >HI.. After recently moving I hooked up my 101ee up and found a
> >conveniently close copper water pipe for groung...I flipped on the
> >power switch...fine.... but when i flipped on the HEATER switch the
> >panel lamps went BRIGHT and the fuse blew.....inspection revealed that
> >the water system to the house was tied in to the white NEUTRAL wire in
> >the breaker box !!??...that danger is fixed....Now my problem..the
> >short from earth ground to neutral destroyd the filaments in all three
> >tubes....I purchased a new pair of finals and predriver from ICC and
> >installed them after checking the filament volteage at the socket....
> >Now I cant get any resting current....filaments glow proper....It wont
> >load properly....output is not what it should be....neutralizing has
> >no effect...20 mtrs is the ony band it tries to load up
> >properly....before i dig in to the rig I wondered if someone out
> >there has been down this road before so ANY thoughts on this will be
> >greatly appreciated !! Thanks ...
> > Allen KB6PQG allenm@rain.org

Allen, I would suspect one of the tubes in the PA has failed while moving it about. A short from the plate or screen grid to the filament would cause the problem you mentioned. Pull the two PA tubes, replace the fuse, and power the rig up. If the fuse doesn't blow again, you should check/replace the PA tubes.

--
Dave Hockaday Wb4iuy
wb4iuy@nando.net

http://www.webbuild.com/~wb4iuy/
http://www.webbuild.com/~wb4iuy/teara.html
http://www.RTPnet.org/~fcarc/
http://www.RTPnet.org/~rdrc/
http://www.geocities.com/TheTropics/3349/
http://www.geocities.com/TheTropics/3341/
http://www.geocities.com/TheTropics/3489/
http://www.geocities.com/TheTropics/3212/

4263. WWW Pages

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: asperges@innotts.co.uk
Message-ID: <31c6ce49.1182010@news.innotts.co.uk>
Source record: 199310

~~~~~~

The Ham Radio Page - nearly 12,000 visitors to date

http://www.innotts.co.uk/~asperges/

Already reviewed by several magazines and review of the SWL
pages will appear in the July Edition of RadCom.

~~~~~~~~~~~~~~~~~~~~~~~~~~

If you haven't yet seen it, come and see it now:
If you have, see the latest updates:

* Extensive variety of subjects;
* SWL Pages (including scanners);
* Questions and Answers;
* Links to all the major ham pages;
* The new UK Radio Society;
* Friends on the Net

Plus: Non-ham subjects including historic Wollaton Park,
Burns and his Works in his bicentenary year
St George and the Dragon.

Thanks to all friend and visitors who have supported the pages
since they were launched late 1995 to date.

73 de Jeremy G4NJH
June 96
~~~~~~
~~~~~~

4264. Q: USING KPC3/GPS for tracking .....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: MAAR13@dial.pipex.com
Message-ID: <4q6vj6$4mu@tube.news.pipex.net>
Source record: 199311

- -----
Subject: Question: INFO WANTED ON USING KPC3/GPS.....
To: uk.radio.amateur
Amateur
HI, I am looking to use a KPC3 with a GPS system for auto location via
radio. I
have contacted various retailers, and am waiting replies....I wondered
if
anybody has an first hand experience regarding the fors and againsts...

Thanking you all in anticipation,,,,,

Andy...

--

Please reply via the newsgroup, or Email direct.

maar13@dial.pipex.com or direct to University .

AJR9@UKC.AC.UK Callsign G6MRI.

University of Kent. England.

From Andy, Herne Bay Kent England.

Cheers, keep your end up.....

4265. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: rogerv@brother.pdev.sco.com
Message-ID: <4q72p2$hij@hobbes.sco.COM>
Source record: 199312

So this is an amateur radio newsgroup (rec.radio.amateur.equipment,
actually) set up to talk about amateur radio equipment. If you're
not interested in amateur radio equipment, why hang out here at all,
or direct your posts or followups here?

There are other groups for other subjects, social, political, and economic.
If you want to talk about that stuff, then go there and talk with people
that are reading/posting to that newsgroup to talk about that. They know
a lot more about those subjects, and can give you a much better
discussion.

That's the way that usenet is supposed to work, anyway.

-Roger (KE6GL)

|> > What has any of this nonsense to do with amateur radio?

|>
|> Yes we should discuss the really important topics of the day, like
|> traffic, contests, code or no code.

4266. DC/DC 12->24V converter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: fedingas@perkunas.omnitel.NET
Message-ID: <9606182356.AA38536@perkunas.omnitel.net>
Source record: 199313

Hello to ALL !
Does someone can recommend, where we could purchase a DC-DC converter,
12 V -> 24 V , 10,15 or 20 A output
(YES, i.e. from 12V to 24V !!! Not the popular 24->12V !)
Another alternative may be 12-> 12V converter with floating output ground.
A manufacturers name, product name, E-mail link, tel/fax will be appreciated.
Thanks, and BYE !

==========
Viktoras Peteraitis LY2BIG (AB4UW) Vilnius, LITHUANIA
E-mail: fedingas@post.omnitel.net
Tel: (370-2) 709-833 office; (370-2) 700-598 home; Fax: (370-2) 709-807
==========

4267. Re: What's a Substitute for a 8950 tube?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: rh3333@aol.com
Message-ID: <4q744a$dcu@newsbf02.news.aol.com>
Source record: 199314

M2057 BUT they are even harder and more expensive than the 8950.
I have some good used 8950's available +90% tested.

Email me if interested

4268. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Adi Doron <adi4z4vg@netvision.net.il>
Message-ID: <31C78A22.690B@netvision.net.il>
Source record: 199315
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Thomas Foster wrote:
>
> charles copeland wrote:
> >
> > I recently got my general, and have trying my luck on HF voice
> > using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
> > dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
> > sitting on mag mount on floor with two 30' folded counter poise wires).
> >
> > My luck has been rotten, (with exception of 10 meters). I've talked
> > to three HAMS on 20 meters only to have to struggle just to get
> > them to recognize my callsign.
> >
> > This brings up my question: Is it hopeless to run HF voice at 100 watts?
> >
> > If I were to get a inverted V dipole up at 40' would I have the same
> > lousy luck? What cheap portable antenna would be most efficient?
> >
> > I know two other HAMS who have recently gotten their general,
> > and both report lousy results on 20m-160m running 100watts.
> > Both live on third floor apartments using folded dipoles. Both rarely
> > are able to snag a QSO.
> >
> > What about running mobile? A 6' whip should pale to a 60' dipole on 3d floor?
> > Seems 100 watts and a whip would be worse than hopeless.
> >
> > Is 100 watts sufficient when the sunspot cycle picks up?
> >
> > Are 20m-160m bands strictly the domain of the "big guns"
> > running 1500 watts, 100 foot towers, and monster beams?
> >
> > If this is so, what is the minimum setup to operate effectively?
> >
> > 400 watts, 600 watts, 1000 watts?
> >
> > 30', 40', 60', 100', tower?
> >
> > antennas?
>
> Charles,
>
> 100 watts is sufficient for solid QSOs when the selected band is not too crowded and, of course, the

> propagation is good. You might actually have a very strong signal, but with crowded band conditions and other
> hams running 1000 watts it's hard to compete.
>
> Of paramount importance, however, is an efficient antenna. Yes, an "inverted-v" dipole at 40 feet can make all
> the difference in the world! For 75 and 40 meters they're great. For years I've used an "inverted-v" dipole on
> 75 meters mounted on my tower, and it has worked very well. At the higher frequencies you really need something
> like a multiband yagi antenna or a quad, though. They not only boost your signal, but also attenuate unwanted
> signals coming in from the sides and back of the antenna.
>
> Many contacts can be made with relatively low power if you pick the right time and frequency. Also, under
> adverse conditions, CW has often been a good mode for contacts.
>
> Good luck, Charles.
>
> 73,
> Lindsay
> WA4ISZ------------------ I wonder how did you get your general ?

have you heard about SW propogation ? sun spot cycle ?

100 watts is fine, do you know to tune your ts820 ?

adi 4z4vg

4269. Re: Info Needed: Mods for Alinco DJ-F1 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jones@San-Jose.ate.slb.com
Message-ID: <4q7460$d81@k9.San-Jose.ate.slb.com>
Source record: 199316

Sam Cederas (scederas@intercenter.net) wrote:
: In article <DsE5yx.5to@eskimo.com>, rmwatson@eskimo.com says...
: >
: >
: >I recently purchased a used Alinco DJ-F1 2 meter handheld, and noticed
: >while browsing through the manual that there is a modification that allows
: >for AM receiption between 118-136 Mc. Does anybody know of any
: >documentation regarding this, and if you have tried this, are there any
: >forewarnings, or likes/dislikes?
: >
: >Thanks,
: It is a keyboard mod enclosed in the manual.

I don't know where Sam got the idea that the DJ-F1T mod is a "keyboard"
mod - it involves opening the radio and clipping the red wire. (The blue
wire is the "illegal" mod.) Once you get the radio back together, you have
to do a CPU reset (if memory serves, that's holding in the "F" key on the
side while turning on power). It works fine, as far as I can tell, though
I haven't used my DJ-F1T much since I got a DJ-580 a couple years ago.
(The DJ-F1T had gotten pretty beaten up through hard usage, and when the
"finals" went I decided I'd be better off with a new dual-band radio.)

BTW, the 580 uses the same colorcoding scheme on the mods, though getting
to the wires is a different procedure (take off the bottom plate rather
than the back).

73,
Clark

P.S. Doing the CPU reset erases all of the memories on either radio.
So, you might want to write down all the memory settings before you start.

--
Disclaimer: The opinions expressed above are mine and not those of Schlumberger
because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 Internet: jones@San-Jose.ate.slb.com
Packet:(not currently available) RF: KI7TU ICBM: 33 20' 44"N 111 53' 47"W
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,
AZ 85284-1825

4270. User HAM equipment pricing

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: markus@sp056
Message-ID: <Dt7tvu.989@news.cern.ch>
Source record: 199317

I'm going to assist the Widow of a late HAM to sell equipment.
She has no idea about the value of the items and I'm not very
sure about some of it either. Could some of you reply to me what
the think a fair price is ?

Here the list of the items:

- Icom IC-765 HF Transceiver, 2 years old
- Yaesu FT-901DM HF Transceiver
- Yaesu FT-221R 2m Transceiver
- ICOM IC-202S 2m SSB Transceiver
- Yaesu FT-209RH 2m Handy (incl NC-15 charger)
- JRC NRD-505 Receiver
- Trio CS-1577 30Mhz Oscilloscope
- HP 410C Vacuum Tube Voltmeter
- Arkay AV-20 Audio Voltmeter
- Leader LAG-120A Audio Generator
- Trio SG-402 RF Generator
- Heathkit HD-1250 Dip Meter
- WM M Nye Co Viking 3kW Antenna matching network
- Drake 2kW Antenna Match Box
- Waneco 1040R Audio Filtering Receiver

If you know about an item please send me a mail stating its (maybe
estimated) new price and age and what you think it could be worth
at a hamfest.
If you want to make an offer it you are welcome. Please bear in mind
that the stuff is in France, near Geneva. Shipping costs might be
considerable and international payment methods cumbersome.

Thanks Markus

Markus Baertschi Phone: ++41 (22) 901-0101 (++41 (22) 791-5563)
Geneva, Switzerland, HB9VCD Mail: markus@mail.cern.ch (maba@vnet.ibm.com)

4271. MFJ new roller?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <15103.835134723@safety.ics.uci.edu>
Source record: 199318

Anyone call MFJ to inquire about replacing their old roller inductors
with the newer air roller inductor? I am interested in what their
price is and whether they offer any special deal to those of us
who want to upgrade. I think that this might make my Differential-T
a more useful tuner to me :-) .

Clark
WA3JPG

4272. Re: XMatch Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Jim Reid <jreid@aloha.net>
Message-ID: <31C72001.27D@aloha.net>
Source record: 199319

W8JI Tom wrote:

IN response to Jim Reid writing:

> >even more strange, when bouncing between XM1 and XM2 switch
> >tuning positions, regardless of position, I get a sudden, snap,
> >increse in vswr up to around 5:1 at one particular position of
> >the inductor tuner. But, there is perfectly smooth tuning
> >operation through this position on the three lower frequency
> >bands. Until I had discovered this, I was about to open the
> >case and clean the coil windings and inductor roller "wheel"
> >with alcohol. Now believe the inductor is probably ok.
>
> That's caused by a series resonance in the roller. It's a common problem
> on the higher bands. The only cure is to avoid that tuning combination, or
> to add a shorting switch that connects the center of the coil to the
> chassis.

--bit snipped--

> Series resonance is a huge problem with Oren Elliot rollers like MFJ and
> others used, and is also a problem with the nearly identical Cardwell
> roller used in the X-match. MFJ finally abandoned that style roller after
> years of roller troubles and now uses a cleverly designed air wound roller
> that shorts the center on the higher bands.

How does the MFJ tuner "know" when you are on a higher band? I don't
see a switch on the MFJ tuner, or other means of communicating
to the tuner from the rig as Ten Tec does with their auto tuner.

> The Q of the new MFJ roller is over twice the Q of the Cardwell roller in
> the X match. You might consider installing one if you can't cure the
> unwanted resonance by some other means.

Just might do that, if I can figure out how if knows when
I leave the lower bands and go to 20 or higher in frequency.

> >I also am considering taking off the plastic washers and scraping
> >away the paint from where the top cover and chassis meet;(believe
> >I mentioned this idea in a note to Paul Schrader). Or,
> >maybe I should just remove the top altogether?
>
> I'd ground the case properly. I have no idea why anyone would float a
> metal case at all four corners. Removing the case, floating the case, or
> grounding the case....there is no difference in efficiency. There is a
> heck of a difference in RFI, however. With the case in place but not
> grounded at all the corners, losses -if anything- are higher.

Would a "complete" path around the case be able to constitue a
"shorted turn" around the internal roller inductor. This is the
only possible reason of which I might concieve.

> >Also, have you been able to trace the circuit of this tuner;
>
> I only looked at the network casually, and would hate to give a definitive
> description. Nothing I saw made me say.... "why didn't I think of that".
> It was just a simple three element matching network. If you've seen one
> three element matching network, you've seen em all. Just swap the
> components around.
>
> >I suppose what is patented is the idea of switching the positions
> >of the fixed and variable capacitors. I don't know what the
> >value of the two section variable C is; the two sections of
> >the variable C seem to be in parallel.
>
> Almost anything can be patented if one cares to spend the money and
> time...and write a good story. I'm sure every possible combination of two
> capacitors and one coil has been used for many years in hundreds of
> applications.
>
> 73 Tom

Well, Tom, this morning I downloaded Paul's patent; he has the
patent granted in the US, Canada, and the UK. Obtained the
patent via the web's Shadow Patent Office, SPO, works pretty neat.
His US patent number is 4763087; applied for 27 May 1986; issued,
9 August 1988.

Anyway, my guess was correct. He has seven claims in the patent,
made after a VERY lengthy and wordy description of every combination
of components of which the world has ever conceived for "prior
art" T and Pi three element networks!

First claim: Again a very wordy description claiming the idea
of interconnecting--which really means reversing the network
between source and load connections.

Claim 2: The matching network applied may be a T network.

Claim 3: The matching network applied may be a Pi network.

(My paraphrasing of the claims; applied means between the
interconnecting (reversing) switch; the network can be
"turned around" with the swich such that the input T
arm capacitor, in the "switched" position is connected
to the output, and similarly, the output is connected
to the input.)

Claim 4: "A switch device for connecting an impedance
matching network....blah,blah) in such a way that the
interconnecting described is realized.

Claim 5: The switch device of 4, above, is capable of
by-passing the matching network such that the source is
directly connected to the load.

Claim 6: The switch device of 4 is capable of connecting
both source and load to ground, bypassing the network.

Claim 7: The switch device of 4 is capable of connecting
the input source to an alternative load, and the (original?)
load to ground.

The discussion part of the document describes that, when using a
T type network comprised of capacitors connected in series with
the source and the load, and "an interveneing inductor" to
ground, that the tuning, efficiency and power handling are
greatly improved when one of the capacitors is fixed, leaving
only two variable elements in the network, unlike any other
of the "older" network disgins described in the patent discussion.

Also, that such a fixed value reactive element assures that there is
ONE and ONLY ONE setting of the remaining capacitor and inductor
elements at which a conjugate impedance match can be obtaind
connecting the originl source and load impedances. Therefore,
the "prior-art" impedance matching networks with three variable
reactive elements "could be easily mis-tuned" which could result "in
excess network power loss, excess current, excess capacitor
voltages, and decreased bandwidth, thus increases in the
network losses and excessive current and voltage." I suppose this
means that low vswr values can be obtained with the three
variable element tuner, but that these values might not actually
be a "conjugate match", and therefore the deleterious conditions
listed would occur.

So, that is what I have learned so far, Tom. I am not sorry
I bought the XMatch tuner from Paul. He obviously has the design
well engineered, as he knows exactly what load ranges of load
impedances (Smith chart circles) his unit will match conjugately
to a 50 ohm source impedance. And he is correct, there is only
one single setting of the variable L and C elements that will reach
the match. I've already learned that. And it is very easy to
match my 160 thru 30 antennas with the device. It is a bit
more fussy on the higher bands, however. In fact, the network
must be "turned around" when going from the CW to the SSB portion
of the 20 meter band, for example; and tuning is only accomplished
with only a very small amount of inductance to ground; sort of
sensitive to get it just right. I was using way to much L
when I ran into the coil resonance problem you described

Of course, Paul calls the XMAtch the "Classic Lowbander" tuner,
so assume his design is only optimum for frequencies below
7.3 mHz.

Enough said about all this for now.

73, Jim, AH6NB

4273. Wanted: National NCX5 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: dslosty@usa.pipeline.com
Message-ID: <4q6vee$47p@news1.t1.usa.pipeline.com>
Source record: 199320

Am looking for a manual w/schematic for the National NCX5
transceiver w/NCXA A.C. supply.

Either an original or a photocopy would be fine or even via
fax.

Thanks,

Doug/WA1TUT

4274. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: alaska2053@aol.com
Message-ID: <4q7af9$gor@newsbf02.news.aol.com>
Source record: 199321

They complain about for sale posts and do nothing to curb crap like below
from the news group!

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

>I don't like socialists because those governments spend too
>much money but to say all socialists are fasists makes really
>no sense at all.

Enno, please read my other post and tell me which of the
characteristics that bind socialism to fascism you disagree
with. Socialism requires fascism (or at least the threat of
fascism) in order to enforce its demands on the individual.

>Remember you live in a FREE country unfortunately with a
>president that can act as dictator..... I think Germany and
>Dutch governments are much more democratic than the US will
>ever have.

This statement is symptomatic of the Big Lie of government.
Democracy has absolutely nothing to do with freedom or morality.
A democracy in which the majority consists of bigots intent on
destroying the minority could be just as terroristic and
repressive as any dictator.

>What is a country that prevents CB users to speak with other
>countries?

Your question outlines why, contrary to assertions elsewhere
in this thread, an understanding of these concepts is just as
relevant to Amateur Radio as to any other aspect of life.

73,
Jack WB3U

4275. Re: Help! FT-101ee Grounded to Neutral PoP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jclark1@tandy.com
Message-ID: <4q6ova$b4r@abacus.tis.tandy.com>
Source record: 199322

If I recall, when putting in new tubes, other than the original manufacturer's parts, a cap had to be changed in the tank curcuit. I had to do the mod on my 101 a few years back after replacing the finals. Evedently the capacitance of the newer sweep tubes is different than what the rig was designed for. The changes are in the Fox-Tango news letter. If no one else lets you know the value and cap to change, let me know and I'll see if I can dig it out and send the mod to you.

73's

John Clark
AB5GQ

4276. FT-50R Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: stevehan@yrkpa.kias.com
Message-ID: <4q7c65$cud@ns2.ptd.net>
Source record: 199323

I'm thinking of ordering the FT-50 and hear of a couple think I want to verify before ordering.

- The addon the DVRS keypad, does it work as noted in the manual. I heard of complains that the answering machine mode does not work.

- During scan the unit beeps when it stops on a active channel. Can this beep be turned off. I dont like this option, I can turn it off in my current mobile unit. I know you can turn keypad beep off but wasing wondering about the scanning beep.

-Does the more expensive keypads have directory entry for the frequency or do you have to use the VFO to enter them.

Thanks,
Steve

4277. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: wx8l@vtc.tacom.army.mil
Message-ID: <4q7avu$is4@vtc.tacom.army.mil>
Source record: 199324
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Clarks comments are valid here and sum it up. Let me add (and bear with me I'm checking into the thread late and it may have been said) the difference between 100 watts and 1000 is 10db. On 75 and 40 where signals typically run 20-40db over s-9 with a good antenna, you would still be 10-30db over s-9. Hardly a waste of time...

Sean

4278. Re: Question on Old Yaesu FT-227R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Gary Zabriskie <garyzab9@tcd.net>
Message-ID: <31C73B3C.9@tcd.net>
Source record: 199325

robby rust wrote:
>
> Chris Boone wrote:
> >
> > "Richard C. Mikulski" <richard@srvr.third-wave.com> wrote:
> > >blackie@gate.net (Blackie Lawless) wrote:
> > >>I have an old Yaesu FT-227R 2 meter rig which quit working a couple of
> > >>years ago. The problem is that when you transmit, the led display
> > >>goes blank, and nothing happens. One thing that I did notice before
> > >>it quit transmitting all together is that the power output was slowly
> > >>diminishing. Seems like it put out very little power even in the high
> > >>power mode (10W).
> > >>
> > >>Has anybody out there experienced this, and is it a problem that is
> > >>fairly inexpensive to fix?
> > >
> > >
> > >Try cleaning or replacing relay RL101 on the main unit.
> > >
> > >WA3OFD
> > >
> > That and also check for a cold solder joint around the 8V regulator
> > inside the the top cover on the right side of the chassis...this 8V
> > regulator supplies B+ to all stages of the rcvr and transmitter..on TX,
> > any high resistance will cause the 8V line to drop to a LOW voltage and
> > the PLL will unlock, causing the display to go out (thats the unlock
> > warning)....If the relay is high resistance on the 8v switch side, the
> > same condition occurs...on my 227R it was due to the 8V regulator though
> > being flexed too much and cracking the land on the bottom of the PC board
> > and led to a high resistance in the 8v ckt to the TX...
> >
> > But I have seen the relay also cause problems.....
> >
> > 73
> > Chris
> > WB5ITT
> >
> > FT227R owner since 1977 (and it still works!)
>
> ********** LITTLE KNOWN FACT **********
>
> After 30 years research we have determined that Radios runs EXCLUSIVELY on smoke !
>
> Don't belive it ?

>
> Have you ever seen one work AFTER the smoke Escapes ?

My Yaesu FT227RB (later model with scanning and more memories but still basically the same radio) would do something similar. When I would key the mike to transmit the L.E.D. display would change to a "0" (zero). I would have to turn the radio off and back on to get the frequency display back on again. I found it did this especially if the antenna was not set up correctly, i.e. high SWR condition. Was using an antenna in the ham shack. Has anyone had the same experience with the 227RB model? Does the same fix apply to that for the 227R and 227RA models? Right now the rig is working okay but would like to file this good info for future possible repairs. I still love the radio and have had it since I bought it new in 1978. Has great intermod rejection compared to newer HT's and compact rigs.

73

Gary, N7ARE
in Sunny (and HOT!!!) St. George, Utah
Where the Sun Spends the Winter
and Golfs all Summer

4279. simple 2m/70cm HT recomme

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: rooster@iglou.iglou.com
Message-ID: <Dt7M66.2q1@iglou.com>
Source record: 199326

I would like to thank everyone who helped me find a local testing site.
I passed the tech+ exams and now need help again.

I don't have any good info regarding recommendations for a reliable,
simple 2m (possibly 2m/70cm) HT. Not something real expensive and full
of "features". I don't even know what "features" are really needed.

I'm not a total technical idiot, just overwhelmed by the number of
models. It seems as if Alinco makes simpler radios than some of the
others.

I would like to be able to plug in an external power supply, and connect
a remote antenna.

Any help is much appreciated. Thanks.

(I'll list my call sign when I know what it is)

 OLX 2.1 TD my other car is a Deutz Allis 9190

--
rooster

4280. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4q6jd0$3tm@cville-srv.wam.umd.edu>
Source record: 199327
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <31C526EE.2ACB@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> wrote:
>Ham radio is so unappealing to the young:
>
>1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
>she refused.
>2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
>use it.
>Electrolux and ham radio both have something in common, what?
>
>Burt

You hate both of them!?!? So you don't vacuum your house???

Why on EARTH would your child have GOTTEN a license if she hates it?
Did you push her into something even YOU hate and NOT expect her to
hate it?
--
* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** 6m 64 grids worked on 8 watts ** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC ** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

4281. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C73C3C.50@ccsnet.com>
Source record: 199328
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Jerry B. Altzman wrote:
>
> Gee, Burt, you'd think that after all the good words about Ham radio you
> have to say, your own daughter would be interested:
>
> KA1VBQ FISHER, SAMANTHA A LIC ISU 24-APR-1990
> TECH PLUS 389 OLD BASS RIVER RD LIC EXP 24-APR-2000
> DOB 24-AUG-1981 SOUTH DENNIS MA 02660 LST UPD 24-APR-1990

She used to go on the air on my birthday just to please me but
after a while she would rather do anything than talk to hams.
She says WORSE things, by far, than I do about hams. She turned
me off the HOBBY.

> >2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
> >use it.
>
> Well, I can see why he'd refuse the HF gear -- he can't use it!

And he reused 2m gear because???

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4282. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C73B58.306B@ccsnet.com>
Source record: 199329
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Lenny Taylor wrote:

> Perhaps they were responding to the messenger rather than the message.
> Kids will participate in those things that interest them. If by your
> presence, you bother the kids, they won't participate in your new
> activity. (This isn't aimed at you personally, rather than each of us as
> an ambassador to whatever we are trying to "sell" to a youthful
> audience.) Having had the opportunity to teach several teenage classes
> over the years, I have had my share of grand flops where the kids
> wouldn't hear what I was sharing because they didn't like something about
> me. Take care.

When I show ham radio to kids I am positive about it.
I let them come to their own conclusions.
They like me fine if I do not push ham radio.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4283. Re: Kenwood TH-79 MODs?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Michel Stoop <mstoop@xs4all.nl>
Message-ID: <31C72400.CD4@xs4all.nl>
Source record: 199330

Rob Neff (N7ORY) wrote:
>
> eccolo@soback.kornet.nm.kr (JeSung Park (kornet)) wrote:
>
> >Hi,
> >I have been looking for MODs forTH-79 in the RX.
> >This one is fixed 144-146 and 430-439.

Then it is a TH-79E
Just cut the green wire you see under the CTCSS unit cover on the side of the HT.

> The 800Mhz parts are not installed on mine.
>
> Component values are given on the schematic, but I am no brain
> surgeon, and that's the kind of skill required to try and install the
> parts yourself. Real small space to work with.
> If you try to put the richt components on the board, you will find that the
microprocessor is also blocked for 900MHz receiving.
And you cannot get a TH-79E cpu in the US.

73' Michel, PE1OZA

4284. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: griffithj@ricks.edu
Message-ID: <4q7dct$o7v@news.ricks.edu>
Source record: 199331
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <31C526EE.2ACB@ccsnet.com>, k1oik@ccsnet.com says...
>
>Ham radio is so unappealing to the young:
>
>1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
>she refused.
>2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
>use it.
>Electrolux and ham radio both have something in common, what?
>
>Burt
>
You are right,Burt. I work at a collage and young people are not only more challenged by using computers, thay make way more money with the skills they develop from using computers. Todays life style requires that they hit the bricks running in order to make a living. Ham Radio no longer offers thoses skills to a young person. Electronic component level trouble shooting is for the most part over. Ham Radio was a major feed for people who went into electronics with this skill. Few school teach it, and even fewer company want to take the time to deal with it, or pay fore it. Swap the board is all it takes and the equipment will tell you what to change. No money in it, us less you work for the government.

The students I meet who get big money, fast, do it in networking software, not with a microphone. I have out lived ham radio and the fun of electronic repair and had my electronic career change severl times to the point that it is not fun now.

I sold all of my ham equipment not because of electronics, but because of the type of foolish answers to your post, is also the type of foolishness ham radio has gone to. I know many good hams who have done the same as I have, an there will be many more to follow.

I will be blasted by many, but I have not even looked at this group in a long, long time, but your post did make me want to respond. You should have given them a computer and they would have tore your arm off taking it. They know what it take to live now, and ham radio dose not provide it.
Jim, WA7NDD.

4285. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Len Revelle <lenrev@wwa.com>
Message-ID: <31C76316.60A@wwa.com>
Source record: 199332

charles copeland wrote:
Congrats Charles on the upgrade.
You'll hear, "I've done this...." ad nausium, and so have I over my 30
years as a ham. Patience is the key.

Summer days aren't the optimum times to operate 20/40. I, too, have noted
very weak signals from my mobile.

Both antennae you describe are, at best, comprimises; low, short, and
poor ground/counterpoise conditions.

Get as much wire as high as you can an keep callin 'em.

--

****
| Len Revelle lenrev@wwa.com |
| Illinois CIS 72607,1320 |
| KE9YR AMA 60055 |
****

4286. Re: Q: Ideas for microwave T1 data link ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Will Flor <willf@rrgroup.com>
Message-ID: <31C77371.5FF2@rrgroup.com>
Source record: 199333
Cross-posted to: rec.radio.amateur.equipment,alt.radio.digital

George Georgiev wrote:
>
> Hi everyone,
>
> I am looking for information about microwave trancivers that are able of
> carying a data link of about T1 line (1 - 2 mB/s TCP/IP, AX 25 or
> somethig like) in area of less than 10 km, line-of-sight. I have some
> points - these, sold my the 'Solution group' fo example, but would like to
> hear for other manufacturers/equipments. The goal of this is to link two
> ethernet networks in the city area.
>
> Any suggestion is welcome.
>

We've used the Persoft Wireless Bridge for this purpose; we usually use several of them to link several individual ethernet networks to a "main" network with a gigantic database server, etc. They make units operating in the 900 and 2400 MHz bands. Persoft is located in Madison, Wisconsin and their web site is at http://www.persoft.com/.

-Will Flor KB9JTT

4287. IC-2340H Fix for UHF Switch problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: SteveP@Dartmouth.edu
Message-ID: <SteveP-1806962209400001@ka2-53.dartmouth.edu>
Source record: 199334

To all IC-2340H owners.

This is a post describing a FIX for some a simple mechanical problem.

I've had some problems with the front panel controls. They seemed to fail one-by-one after being mobile in my truck for about a year. The UHF side went first, first losing the channel control, and then the reverse function on the volume knob, and then the band-select function. They failed slowly, one at a time so I thought the problem was mechanical failure of the switches. (hot car, vibration failure, etc)
Unfortunately, after taking the unit apart, and testing it, the switches were fine. BUT I DID DISCOVER THE PROBLEM AND IT WAS MECHANICAL!

The connections from the front of the unit are made via a SMT mating conector made of plastic. The solder joint was not very strong on the RADIO SIDE, and I popped the whole connector off after touching it with a Q-tip. My guess is that the factory was cautious in not applying too much heat to the solder joints near the plastic connector in fear of melting it. The fix is simple...

Pop the connector off, note polarization, place a little rosin flux on the strips of little connectors, and place the connector back. Resolder the joints carefully with an iron. By touching only for a few seconds, I got a nice solid joint, and the radio now works fine again. I could've used a SMT station I had access to, but the iron works fine. Just make sure you have a *really* small tip.

If you're wondering how to get the knobs off the front of the pots/encoder swtiches, just pull *real* hard (but carefully). The daughter board can be removed from the front panel assembly by unscrewing two retaining screws on the potentiometer axes. You then have full access to the mating connector which may be the troublemaker.

Hope this helps someone - took me a few weeks of research, and a lot of fiddling to find it out.
FYI, my radio serial number is 01887.
Please let me know if you've had siimilar problems, and if this helps.

73s N1TYE
Steve Peters

4288. Re: Which is the best HF rig for mobile use?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: Will Flor <willf@rrgroup.com>
Message-ID: <31C77572.6D8@rrgroup.com>
Source record: 199335

Peter Barville wrote:
>
> In article <Dt5MK2.ILu@iglou.com>, Steve Ellington <n4lq@iglou.com>
> writes
> >Is 2 meter coverage a bell or a whistle?
>
> Got it in one!
>
> If you want the best hf mobile, go for the DX-70 (or FT-900).
> If you want bells (or whistles), then it has to be the IC-706.

An interesting way to put it. While the 706 seems to be an okay rig (I don't own one, but know several who do) when I decided to get a small, mobileable HF rig with a remoteable control head, I found the DX-70T to fit my needs best. The FT-900 is overall probably a better radio, but the additional expense ruled it out for me at the moment. I certainly considered the 706, but the HF receiver didn't seem to be as nice as the DX-70s (for SSB, at least - I think both rigs aren't so great on CW) and the 2m side seemed very intermod-prone. Since it was really HF I was interested in, I bought the DX-70, and have been quite happy with it, even with its shortcomings - one example being dip switches (*ugh*) to set the PL tone, etc. Since I mainly bought it for SSB, not FM, this was a minor thing to me, but to some it might rule the DX-70T out.

All in all, I thought the DX-70T was the best value for me, but of course if your station requirements (mode, etc.) are different, that might make the answer quite different for you. If possible, find some friends with a couple of these different kinds of rigs and try them for yourselves, using the modes and operating methods that you normally use.

Good luck in finding a rig that you're happy with!

73 de KB9JTT

4289. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: wa4pgm@moonstar.com
Message-ID: <NEWTNews.835155220.32378.wa4pgm@wa4pgm.moonstar.com>
Source record: 199336
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna

charles1@netcom.com (charles copeland) wrote:
>Seems 100 watts and a whip would be worse than hopeless.

>Is 100 watts sufficient when the sunspot cycle picks up?

>Are 20m-160m bands strictly the domain of the "big guns"
>running 1500 watts, 100 foot towers, and monster beams?

>If this is so, what is the minimum setup to operate effectively?

>400 watts, 600 watts, 1000 watts?

>30', 40', 60', 100', tower?

>antennas?

It's not how much power you need to run it's Patience !!
Maybe if some would quit running the KW's there would be
some bandwidth for the little guys. If your want to be
heard invest your money in a antenna and not a amp !!

2 cents,
Kyle

4290. Re: Periphex Inc-still around?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: "Jim Gerke, KC5OA" <jgerke@why.net>
Message-ID: <31C7890E.37DD@why.net>
Source record: 199337

I agree --- two thumbs down on Periphex. I highly recommend buying aftermarket batteries and rapid chargers from W & W Associates (also known as Battery Tech). A friend and I have been buying from them for several years and are very pleased with their products, service, and prices. They do honor their warranties. Give them a call at 1-800-442-4275.

73, Jim, KC5OA

4291. Re: Extended receive for FT-5200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: "Jim Gerke, KC5OA" <jgerke@why.net>
Message-ID: <31C78C6E.2A5A@why.net>
Source record: 199338

Jon,

There are several files of mods for the FT-5200 at
ftp://oak.oakland.edu/pub/hamradio

73, Jim, KC5OA

4292. Phx Only: Yaesu FT-10/A16D for $200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: muon@indirect.com
Message-ID: <31C78121.7BED@indirect.com>
Source record: 199339
Cross-posted to: rec.radio.amateur.equipment,phx.buy-sell-trade,asu.forsale.misc,az.forsale,

USA-Phoenix, Az Only

My son, Jon Prichard (KC7OJD), is selling his handheld so he can get a dual band and bug dad at greater frequencies.

He is selling his Yaesu FT-10/A16D for $200. It was Purchased in late December (12/23/95) from HRO and he paid:

FT-10/A16D Yaesu 2.5W 16 Keypad 99 Ch. 2 Meter Handheld 269.95
CSC-68 Soft Case FT-10/40 W/FNB41 22.95
KD4-146-HQ LARSE Helical Wound Quarter-Wave 19.00

Detailed specs can be found in Yaesu Web page:

http://www.yaesu.com/ft-10.html

- Clyde -
Reply pricharc@agcs.com

4293. Info needed on Motorola MRTI 1000 Phone Patch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: rossanalytical@cyberdrive.net
Message-ID: <4q6vb0$5lt@galaxy.cybergate.net>
Source record: 199340

I aquired a Motorola MRTI 1000 Phone patch that was part of a Mitrek VHF Base Station Radio. If anyone could devulge any info on this please let me know.

Thank you.

Dwight Hayes, Jr.
dhayes@cyberdrive.net

4294. Info needed on Mitrek L43JJB81190CM VHF Base Stations

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: rossanalytical@cyberdrive.net
Message-ID: <4q6vfs$5lt@galaxy.cybergate.net>
Source record: 199341

I just aquired two Mitrek L43JJB81190CM VHF Base Stations. If anyone could point me in the correct direction for information I would be gratefull.

Dwight Hayes, Jr.
dhayes@cyberdrive.net

4295. looking for good AM-FM radio for car traveling across US

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: vietti@ccnet.com
Message-ID: <4q7dal$1e8@ccnet2.ccnet.com>
Source record: 199342

Hello,
In a few weeks my family will be traveling across the western half of the US as we have many times in the past. We love to listen to radio stations wherever we travel but one disappointment is that we have trouble picking up stations except when we are right in or near a city. Is there a brand of radio or type of antenna that we should invest in that would be better than what came in our van when we purchased it? When we talk to local commercial car radio stores, they just want to sell us wonderful sound systems with great speakers. We want receiving capabilities, not woofers!! Any help will be appreciated. Thanks. barb

4296. Re: QSL wall card holders..where?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: maccabeus@gatecoms.gatecom.com
Message-ID: <4q50bl$3sr@www.gatecom.com>
Source record: 199343
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.antenna,rec.radio.swap

Why not just use 35mm picture sleeves? I use a picture rolodex for my
cards! just a thought...

Dale \"Squeak\" Porray (ad7k@accessnv.com) wrote:
: Jason Baack wrote:
: >
: > Hello all,
: > I was wondering if anyone out there knows where I can get some of the
: > QSL vinyl-like,clear QSL card holders that you can hang on a wall.?

: Available at most well-stocked amateur dealers, including Amateur
: Electronic Supply.

: Our nearest store to you is in Wickliffe, Ohio ... their telephone number
: is 800-321-3594.

: 73, and good luck!

: "Squeak" Porray, AD7K
: Manager, Amateur Electronic Supply/Las Vegas

--
73 Phillip KC8DQF
###
"If the government is big enough to give you everything you want, it
is also big enough to take everything you have."
###

4297. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: N1SQJ <tde@snet.net>
Message-ID: <31C769CB.842@snet.net>
Source record: 199344
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

(snip).....
> dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
> sitting on mag mount on floor

In all reality, no eggageration here, 5 Watts on an average dipole up 50 feet will outperform your indoor antennas, even if you had 600 Watts out. Indoor antennas hung from the cieling and thrown on the floor will only give you results in those exceptional circumstances of very good propagation, and no pileups. That doesn't happen much currently. If you can manage a verticle, The Cushcraft R-5 (recently discontinued, but still available from stock) is the cheapest of the lot ($278), and over here, it performs very well on 20M. Neck & neck w/ my G5RV at 50 feet. They take turns in which performs better, but always are close. R-5 mounted only at roof level, and I'm in a valley surrounded by trees. Just talked to Bosnia Herzegovina and Azores Islands on it with 57 report with 100W. In fact with the Bosnia station, I could only get through on the R-5. Maybe you can sneak one up on your roof if you're nice to the landlord??? -- only 17 feet tall and not bad looking. Best of luck. 73, N1SQJ, Rick

4298. Re: IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4q4rkl$nff@dfw-ixnews3.ix.netcom.com>
Source record: 199405

The new ADMS-1C version for the FT-50R will start showing up on US
dealers locations starting wednesday, June 19th..

73's

Kevin, WD6DIH

In <4q2ce0$1hiq@mule1.mindspring.com> dddavis@atl.mindspring.com
(Donald D. Davis, Jr.) writes:
>
>
>
>
>>Perhaps this is why Yaesu hasn't shipped any ADMS1C's yet ... THEY
don't
>>want to ship buggy product!
>
>>Sign up with your favorite Yaesu dealer ... be patient ... and you
will
>>get a working product as soon as they are available.
>
>I picked up the software from RT Systems at the Atlanta Hamfest, and
>it seems to work just fine.
>

4299. Re: ** Help with Standard C228A Needed **

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jimdorr@ici.net
Message-ID: <4q56q6$elm@bashir.ici.net>
Source record: 199406

jimc1790@aol.com (JimC1790) wrote:

>I am currently on a trip with my C228 and don't have the manual. Can
>somebody please tell me how to change the repeater transmit/receive
>offset. I can't remember the keypad sequence to do this ?

>Thanks .. Jim - N4WFP
>jimc1790@aol.com

Ok try this.

1. Select desired band

2. Press (Func + Set)

3. Press RPT button (by itself)

4. Use Rotary Knob to select new offset

5. Press the V/M button to return

Hope this helps!

73, Jim (kd1oq)

4300. HAL ST-8000 H.F. RTTY Modem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: jmaesr@aol.com
Message-ID: <4q5b0t$js3@newsbf02.news.aol.com>
Source record: 199407

HAL Communications ST-8000 H.F. RTTY Modem, New-in-box w/manuals,
availiable for "even Swap" for ICOM IC-706 in same condition.
Contact Lowell, AA6ZD @ (209)-227-1605

4301. * Which is better: IC-706 or TS-450s ? *

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: ibra0002@gold.tc.umn.edu
Message-ID: <4q5ck9$ig9@epx.cis.umn.edu>
Source record: 199408

I am in the market for a new Trmtr/Rcvr. Can't decide between the
IC-706 or TS-450s. Woulld appreciate your input via email.

Ayman

4302. Re: Stop Posting Ads Here !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4q5bc2$d0q@abyss.West.Sun.COM>
Source record: 199409

In article <slrn4sbnib.lo.jmaynard@k5zc.hsc.uth.tmc.edu>,
Jay Maynard <jmaynard@admin5.hsc.uth.tmc.edu> wrote:
>On Mon, 17 Jun 1996 14:20:46 -0700, Brett Carter <carter@inetworld.com> wrote:
>>I think what he meant was that generally speaking, hams are
>>interested in gear that was designed to be ham gear, not
>>commercial gear.
>
>...and the point of my posting was that this is not a valid generalization.
>More and more hams are finding that commercial gear has its advantages.

What's the difference between commercial gear and ham gear? Ham gear
can be field programmed for frequencies, commercial gear (by law) cannot.

That's the end of mandatory differences.

Practical differences include things like:

* commercial gear is usually very rugged, much more so than typical
amateur gear.

* commercial gear is often used in close proximity to other transmitters,
and the receivers are extrememly strong and tight.

So, the trade off is

easy frequency selection VS. very rugged, excellent receiver

Lately the amateur gear has been claiming to be rugged, with good
receivers..... commercial gear has always been this way. Terrific
for packet, repeaters, remote bases, emergency back-up radios...

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4303. FS: MFJ 1278B MultiMode TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: vannuysd@sonoma.edu
Message-ID: <vannuysd-1706962255510001@xyp6_port14.sonoma.edu>
Source record: 199410

Hi, I have a low miles MFJ 1278B MultiMode TNC for sale, complete with
manuals and software (Mac or DOS). $200 or B/O.

David
AB6XR

--
David Van Nuys, Ph. D. http://www.sonoma.edu/psychology
Chair, Psychology Dept. ham radio callsign: AB6XR
Sonoma State University voice/fax (707) 585-7363
vannuysd@sonoma.edu

4304. Where to get Crystals for Micor Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: kusznir@ridgecrest.ca.us
Message-ID: <19960617222952296252@annex124.ridgecrest.ca.us>
Source record: 199411

Hello All:

I am currently modding a UHF Micor for 9600 packet but I don't know where to get the crystal (Micors only take 1 crystal for both tx and rx). Can anyone sugest a place? Thanks in advance.

--
73 de Jim Kusznir, KE6DWM

kusznir@ridgecrest.ca.us (Primary Internet)
ke6dwm@wa6ybn.#soca.ca.usa.noam (Ametuar Radio Packet System only)

4305. Timewave DSP-599zx Noise Filter is Shipping!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-18 00:00:00 UTC
From: rgawtry@timewave.com
Message-ID: <4q5isa$bis@cobra.Minn.Net>
Source record: 199412

The Timewave DSP-599zx Audio Signal Processor began shipping 18 June 1996. Key features of the hyperspeed 37 MIPS Voice, CW and Data audio signal processor include random noise reduction, heterodyne elimination, QRM filtering, RTTY modem and remodulator, sine wave generator, audio millivoltmeter, two tone generator, and CTCSS encoder/decoder. The DSP-599zx has a LCD alphanumeric display, optical rotary encoders, memories, 2 selectable channels, wide 5 kHz bandwidth and more. For more details, visit the Timewave Web site at http://www.timewave.com. Email for information is dsp@timewave.com.

Randy Gawtry, K0CBH
Timewave Technology

4306. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4q92p1$r4f@sloth.swcp.com>
Source record: 199213

PS...Have you heard of Field Day? If so (Or if not) ask your local
Ham Radio club about it - AND GO!
Field Day is one of the best and funnest contests in Amateur Radio.
You should go. There you can operate HF and you will be amazed of all
the stations you can contact very quick! Also, ask around about
improving your antenna.
73,
Brian, N5ZGT

Boy Scouts of America Amateur Radio - N5ZGT
JASM -Troop 41 ARRL QRP: NorCal# 1700
Albuquerque, N.M. Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com

4307. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: rmd@ka4ybr.netmha.com
Message-ID: <4q949n$l3t@ka4ybr.netmha.com>
Source record: 199214
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

My advice for what it's worth.

Listen a lot. If the signal your receiving is strong then
they should be able to hear you even with an inefficient antenna
at your end.

Listen a lot and learn what band is open when. Sunspot low now
so 40m will be dead sometimes.

Try CW on 40m.

Think about better antennas.

I've worked into North Africa from the South Pacific on
75 phone with a measured 30Watts PEP output. THis is
halfway around the world. It's all in the antenna.

-bob

--
Bob Duckworth Consulting, 960 Ralph McGill Blvd. Atlanta GA 30306-4447
bobs' address is rmd@ka4ybr.netmha.com 404-888-0389(V) 892-2301(FAX)
Buy Sell Trade Surplus Computer Electronics Datacom Telecom since 1981.
Fax or email your list for a fast cash offer. Watch for listserv catalog.

4308. Just Testing, nothing in here. =)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: "If I want you to know", "then I will post it!"
Message-ID: <4q96dv$76i@news.dialnet.net>
Source record: 199215

see. nothing =)

4309. FT2400/7400 Backlight Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: ernurse@ix.netcom.com
Message-ID: <4q96mv$6s9@sjx-ixn6.ix.netcom.com>
Source record: 199216

Hi all, thanks for reading.

I am have a problem with the backlighting on my Yaesu FT7400. This is a UHF version of the FT2400, and the radios are virtually identical. I sent the radio in to Yaesu for service for an unrelated problem recently which they fixed. Unfortunately, they managed to cause a *new* problem which I will describe:

What is supposed to happen is this: When the radio is brought into a bright light situation, a photo cell takes not of ambient light and brights the display backlighting to give more contrast. When the radio is brought into a dark environment (like a car at night) the photocell causes the display backlight to be dimmed somewhat so the light does not provide an overly bright distraction.

What now happens with my radio is this: When brought into a dark environment, the backlighting display dims down to *NO* light at all, so the display can't be seen at all in the dark. Now I also have an FT2400 right next to the 7400. The 2 displays are identical in brightness in the light so I don't think any bulbs are burned out or missing.

I don't really want to send this back to Yaesu and give them the opportunity to screw something else up, so has this unusual situation ever occurred with anyone reading? Is there a pot adjustment somewhere that can be turned? I'd be most appreciative of your experiences.

Thanks again, and take care all.....

--

73 de Brian

|---|
| Internet: n2ofm@ampr-gw.essradio.com |
| (no large files or commercial traffic) |
| |
| Internet: ernurse@ix.netcom.com |
| |
| AX25 Packet: N2OFM @ N2IZL.#NLI.NY.USA.NA |
| |
| Amprnet: n2ofm@n2ofm.ampr.org [44.68.48.112] |
| |
Amprnet: n2ofm@gw.k2mf.ampr.org [44.64.20.2]

4310. For Sale!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: zux@worldnet.att.net
Message-ID: <31c8300e.2094103@netnews.worldnet.att.net>
Source record: 199217

For Sale Kenwood TH78A Like New For More Info E-Mail Me At
ZUX@WORLDNET.ATT.NET

4311. radio mods? Go HERE!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: maccabeus@gatecoms.gatecom.com
Message-ID: <4q9a15$a6q@www.gatecom.com>
Source record: 199218

you can find your radio mods at this web site. quicker than asking in
the group

http://www.cdrom.com/pub/hamradio/oak

now goto the mods subdirectory and look up by make/model

--
73 Phillip KC8DQF
##
"If the government is big enough to give you everything you want, it
is also big enough to take everything you have."
##

4312. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <31C82237.55CC@ix.netcom.com>
Source record: 199219
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles copeland wrote:
>
> I recently got my general, and have trying my luck on HF voice
> using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
> dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
> sitting on mag mount on floor with two 30' folded counter poise wires).
>
> My luck has been rotten, (with exception of 10 meters). I've talked
> to three HAMS on 20 meters only to have to struggle just to get
> them to recognize my callsign.
>
> This brings up my question: Is it hopeless to run HF voice at 100 watts?
>
> If I were to get a inverted V dipole up at 40' would I have the same
> lousy luck? What cheap portable antenna would be most efficient?
>
> I know two other HAMS who have recently gotten their general,
> and both report lousy results on 20m-160m running 100watts.
> Both live on third floor apartments using folded dipoles. Both rarely
> are able to snag a QSO.
>
> What about running mobile? A 6' whip should pale to a 60' dipole on 3d floor?
> Seems 100 watts and a whip would be worse than hopeless.
>
> Is 100 watts sufficient when the sunspot cycle picks up?
>
> Are 20m-160m bands strictly the domain of the "big guns"
> running 1500 watts, 100 foot towers, and monster beams?
>
> If this is so, what is the minimum setup to operate effectively?
>
> 400 watts, 600 watts, 1000 watts?
>
> 30', 40', 60', 100', tower?
>
> antennas?

Hi Charles. The sunspot cycle is at or near its low point for the cycle,
so the upper bands are very poor -- I suspect this is part of your
problem -- as it is with the rest of us.

Second the power out is not anywhere near as important as your antenna.
And No you don't need a huge tower and a beam. Several of us here in San
Diego with antenna restrictions have Cushcraft and Hy-Gain antennas such

as the R5, R7 and DX-77 and are quite successful at working DX when the bands are open. These antennas are mounted at 6 to 10 feet off the ground and since they are "half wave end fed antennas" they work quite well without radials. These verticals have a good low angle of radiation for DXing.

One of our group on the San Diego DX Cluster has worked 104 countries with 6 watts and an R5. These may sound "incredible" unless you have tried it, turns out from 6 Watts to 96 watts is about 12 dB or roughly 2 S-units. So the 6 watter compared to the 100 watter is down 2 S-units or so. With 6 watts, several 10,000 mile plus contacts and QSL cards are in the log.

For dipoles, inverted Vees and beams -- you need to get em up in the air, as the radiation patterns are strongly influenced by height. In general, the higher these antennas are -- the lower the radiation pattern. That is why the big towers for the beams and dipoles. Note that a properly designed vertical can work well at or near ground level.

And no, the 160-20M bands are not the exclusive territory of the "Big Guns". I know several DXers who have worked DXCC with 100 watts and antennas at 40 + feet as well as DXCC with 6 watts and a vertical as mentioned before.

During the last hours of a contest or the last days of a big DXpedition, many times the DX is begging for contacts --- easy pickins.

So hang in there -- when the sunspot cycle starts to pick up, you can work 10M DX with a wet noodle and a coupla watts. I know of one DXer who loaded up his rain gutters and worked many Asian African and Europeans on 10 Meters.

73 and Good Dx
Rod
The R5er

--

A Man May Know Of The Whole World Without Leaving The Shelter Of His Own Home.
..... Lao Tze

Hark! For I Have Hurled My Words To The Far Reaches Of The Earth!
What King Of Old Could Do Thus?
..... AC6V

4313. Re: MFJ new roller?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4q99c4$p86@safety.ics.uci.edu>
Source record: 199220

Solved. I called MFJ this morning. It is "about $55" for the new air roller. The fellow there said that it should mount up to my Differential T inductor mounts, but I would need to drill two new holes on the bottom of the case to do it. Sounded fine to me, I ordered one.

Anyone want an MFJ roller inductor from a Differential T tuner? I will soon have a spare. Mine is just fine, I always used my Murch with Johnson roller inductor (on ceramic core) when the amplifier went on :-) .

Clark
WA3JPG

4314. Atlas 210x CW problem solved...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: scicon@ix.netcom.com
Message-ID: <4q970d$5fd@dfw-ixnews9.ix.netcom.com>
Source record: 199221

My problem with the Atlas 210x remote cw switch has been solved.

The schematic in my manual was wrong, apparently due to a misprint.

Thanks to all who helped...

73 de Dan, KE6LBX

4315. Re: FT-50r, Know how to play game?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: felix@netwizards.net
Message-ID: <4q9d2l$68v@news.wco.com>
Source record: 199222

In article <4ptcpd$lr6@usenetw1.news.prodigy.com>, FBUL85A@prodigy.com says...
>
>Has anyone else found the game function of the FT-50r? I can't figure out
>how to play, keep getting a zero score...
>
>I wonder what else is hidden in the innards (small as they are) of this
>thing?!?!
>
>Cheers
>- Rob Curtis
>Sun-Journal/Sunday
>FBUL85A@prodigy.com
>
>Well, its pretty easy the object to the game is to make the number that is scrolling across the screen add to zero.. for example, if the number scrolling across is 9 press 1 then the fM buttom,, its should disapear. keep doing this and the number will get faster and faster. if a zero scrolls past press 10 and then fm... have fun!!!
Also I have more information on early release modification software for that radio if you want email me for the information..
cya
sf

4316. Re: FT-50R program kit/where can I get?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: felix@netwizards.net
Message-ID: <4q9d5r$68v@news.wco.com>
Source record: 199223

Call 1-205-880-3093 and ask for the software kit for the ft-50r ..about
$40.000

In article <4q4ne2$16c@newsbf02.news.aol.com>, estedman@aol.com says...
>
>Hi -
>where can I get a programming kit for the Yaesu FT-50R that everyone
is
>talking about?
>HRO says its not available yet - but people have them.
>Is the connector the same as for other Yaesu rigs?
>Any help is appreciated.
>Thanks
>Ernie
>N2OJQ

4317. Re: ADI 400HP mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Will Flor <willf@rrgroup.com>
Message-ID: <31C8375C.493A@rrgroup.com>
Source record: 199224

Matt Wright wrote:
>
> I am looking for a mod for a local ham operator who just bought a new ADI
> 400HP. Myself, I am not familiar with the radio but he has heard there are
> some mods for the 200 HP to "open up the transmit..." for something... I don't
> know all the particulars, but I was hoping that someone may be able to help me
> out. If you have the mods for either the 400 HP or the 200 HP, please either
> (1) post them or (2)e-mail me. Thanks! - Matt (mattw@cris.com)

They are available at:

http://www.qrz.com/mods/

73 de KB9JTT

4318. Re: six meter coaxial filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Mike Valentine <wa8msf@ix.netcom.com>
Message-ID: <31C82C48.3704@ix.netcom.com>
Source record: 199225

Jim Garver wrote:
>
> My new Icom 706 is getting plastered with apparently intermod
> when I turn my yagi anywhere near the channel 2 TV tower about
> 2 miles away. I have to keep the antenna sideways to it if
> the preamp is on. The 706 is okay without the preamp on but
> then sensitivity way down.

[major snip]

> Any ideas?
>
> Jim WA7LDV

Hi Jim!

What might help that would be a little less ambitious is an OLD R.L.Drake TV-1000-LP lowpass filter made in the late '60s.

These had a 52 MHz cutoff frequency and lots of attenuation at TV channel 2. Remember that Drake sold TR-6 transceivers and TC-6 transmitting convertors that made 100W of 6 meter output back then.

I grew up in Dayton, OH where channel 2 TVI into the 6 meter receiver was commonplace. Double ballanced mixer (hi input IP) receivers were the only good help for this other than the TV-1000-LP filters.

Note that we couldn't give a rat about the neighbor's TV, it was our receivers that we were worried about.

Another solution is to make a notch filter for 55.25 MHz to lower the strength of the video carrier. Make one by using a Tee connector in series with the antenna line. At the third port, connect a small value capacitor in series with a nearly quarter-wave (@55.25 MHz) piece of coax (the bigger, the higher the Q) shorted at the far end.

The closer the shorted section is to 1/4 wave and the smaller the capacitor, the less "coupled" the "suck-out" will be and the narrower the effective frequency range of the notch. Notch depth is less with lower coupling, but is a strong function of the unloaded Q of the 1/4 wave line.

The notch resonator will always be less than 1/4 wave. How much less is a function of how "hard" the resonator is coupled to the line.

Ideally the "small" capacitor would be totally enclosed by the outer conductor of the coax resonator/Tee-junction combination. Maybe a small hole in the outer conductor for fine-tuning a variable element.

This notch is extemely easy to build IF you have some sort of network analyser or sweep generator to play with: It's iterative. You can also do it by trial and error, but don't come looking for me if you do.

Hope this helps.

Mike Valentine - EM79sd JRC JST-245 + 2 x 3-500z + M^2 9el@120'
wa8msf@ix.netcom.com

One more thought: Maybe you could find a cable TV channel dropping filter that is designed to prevent subscribers from watching premium services if only subscribing to basic rates. I think KD1DU has a source. It could be tuned for channel 2! Sign up to the w6yx.stanford.edu VHF relector for more info.

4319. Re: Mic for use in motorcycle helmet

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Jerry A Kreifels <Jerry_A_Kreifels@ccm.fm.intel.com>
Message-ID: <4q9edj$9mf@news.fm.intel.com>
Source record: 199226

> Don't try a microphone/ear piece in one unit. There is
>susceptibility in those units to wind noise picked up when one opens their
>mouth to speak.
>
>
>
> Allan Butler KA0IES

Seems to me that the mic has nothing to do with it. When some people
open their mouths to speak, there's just a lot of wind noise, microphone
or no microphone. ;)

Sorry, I couldn't resist.

--
Jerry, KO6JV (Sacramento CA area)
Jerry_A_Kreifels@ccm.fm.intel.com
"My opinions, not my employer's."

4320. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Siegfried Rambaum <siram@light.lightlink.com>
Message-ID: <Pine.SUN.3.91.960619141352.20679B-100000@light.lightlink.com>
Source record: 199227
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

>> During the war, Jewish prisoners were used for maintenance around
>>their apartment > > building. It was obvious they were not receiving
>>sufficient food. My ex-parents- > > in-law would wrap up food and put it
>>the garbage cans for the prisoners. If they > > had gotten caught it is
>>quite possible they would have been killed. Not ever having > > gone
>>through something like that, I cannot imagine how much courage it took to
>> perform an act that could easily end up in death. > > Anyway,
>>certainly not all Germans were accomplices of the Nazis

> Clearly there were a few Germans that we should admire.
> Thanks for sharing the events you described. > > >

Come on, Burt, don't be silly. You are giving up argumentative territory
by and by, territory that you never really had covered by arguments or
facts, just by hearsay from a book, that poses for a summary of facts,
which it is not, as it selectively ignores all those facts that would have
made it objective .... and a non seller.

To sell, the book had to be sensational, o r in the words of review
published about Goldhagen's book in the British magazine "The Economist":
An irresponsible way of bending facts

.... and certainly not what you would expect from a Harvard professor.

I took the liberty to send you that book review from The Economist by
snail mail.... But then Burt, I would want you to think about this:

What Burt says about Germans,
tells much about Burt
but hardly anything about Germans.

Burt, if you have brains between your ears, then stop this thread. You
already transgressed from being a misinformed simple mind into making a
fool of yourself to best of your ability. Only oxen and mules are this
stubborn in holding on to a losing position. I never would have expected
that from an intelligent being.

Siegfried, KB2YVC

Is there intelligent life in outer space? Yes, of course there is,
and testament to that is the fact that they simply not waste their
time with establishing contact with us...

4321. Re: Info on Motorola H43 and L43 Radios needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: jmaynard@k5zc.hsc.uth.tmc.edu
Message-ID: <slrn4sgq48.vo.jmaynard@k5zc.hsc.uth.tmc.edu>
Source record: 199228

On Mon, 17 Jun 96 17:37:49 GMT, Dwight R. Hayes, Jr. <rossanalytical@cyberdrive.net> wrote:
>I have just acquired some Motorola radios, model H43 HT's and L43 Base
>Stations. Does anyone have any spec's on these units or info on how easily
>they could be converted over to Ham use?

We need more information...the name of the radio's model, like MICOR, MT500, HT220, MOCOM 70, etcetera, and the _full_ model number, which will look (for all but very old Motorolas) like L43GGB-1100A. The rest of the model number will tell us which series transmitter and receiver you have. The frequency they're currently on will be helpful, as well.

Most crystal-controlled Motorolas will convert pretty easily into the ham bands; synthesized radios may or may not, depending on the series of radio. It's usually a matter of retuning.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Just because I'm a superhero doesn't mean
I have to smell poo gas." -- Freakazoid

4322. FT50R EASY CELL REC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: wm8p@infinet.com
Message-ID: <4q9qqp$69@news1.infinet.com>
Source record: 199229

HELLO FT50R OWNERS,

TRY THIS:
ENTER 778.8MHZ IN MEMORY L1.
ENTER 803.8MHZ IN MEMORY U1.

NOW YOU CAN SCAN BETWEEN OR MANUAL TUNE BETWEEN THESE TWO FREQUENCY LIMITS.
(SEE YOUR MANUAL FOR DETAILS)
THESE ARE THE IMAGE FREQUENCIES OF THE BLOCKED CELL BAND.
THE SELECTIVITY AT THIS RANGE IS SUCH THAT I CAN HEAR 95% OF WHAT I HEAR ON AN AOR8000.

FOR INQUIRING MINDS HERE IS WHAT IS HAPPENING.

VFO SIGNAL TO MIXER= 823.9MHZ
SUBTRACTIVE MIXING -45.1MHZ (1ST IF FREQ)
RECEIVED SIGNAL = 778.8MHZ [DISPLAYED FREQ]

VFO SIGNAL TO MIXER= 823.9MHZ
ADDITIVE MIXING +45.1MHZ (1ST IF FREQ)
RECEIVED SIGNAL = 869.0MHZ [IMAGE FREQ]

THE MIXER PERFORMS BOTH FUNCTIONS AUTOMATICALLY.

UNTIL THE SOFTWARE AND CONNECTOR PLUG IS AVAILABLE THIS PERFORMS QUITE WELL.
SO WELL IN FACT I WONDER IF ITS WORTH GOING TO BE WORTH THE TROUBLE TO HACK.

I WOULD APPRECIATE IF YOU WOULD REPLY TO THIS POST HOW WELL THIS WORKS IN YOUR LOCATION.

HAVE FUN.
73'S BOB WM8P

4323. Re: Where to get Crystals for Micor Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4q9nad$jus@brokaw.comm.mot.com>
Source record: 199230

I have always used International Crystal. I think they are in Oklahoma City. Give them the channel element number (should be KXN1024) and they should be able to take it from there. You could also send them the channel element and they will put the crystal in and compensate it for a slight additional charge. I'm assuming you have the channel element(s). If not you should find tham at most hamfests for about $5 or $10 ea.

73,
Skip K9SA

4324. Mods for Standard 5718

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: tjh@netcom.com
Message-ID: <tjhDt9u3z.65t@netcom.com>
Source record: 199231

I have recently purchased a STANDARD 5718 dual-bander and am searching
for the MARS... modifications. I would appreciate any help.

--

Terry
tjh@netcom.com
Data/Voice Networking Communications Consultant
Dallas, Texas

4325. FT-8000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Jim Finney <jpf@southeast.net>
Message-ID: <31C89DAB.6F0E@southeast.net>
Source record: 199232

Hello,

Anyone have any info (besides what is on www.yaesu.com)on the new FT-8000. Price, availability, etc.

It looks like it could be a good radio.

Jim.. WA5VPW..

Jim Finney
jpf@southeast.net
http://users.southeast.net/~jpf
Jacksonville, Florida

4326. Ten-Tec Titan

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: "TOM, LA9GX" <kbs@powertech.no>
Message-ID: <31C8D1DB.2144@powertech.no>
Source record: 199233

Can anyone give me a qualified opinion on the Titan amplifier??
Referanses to review-articles etc. wanted to.

73 de tom, LA9GX

4327. REQ: Any advice on TNCs to buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: pgc@izzy.net
Message-ID: <4qa1eo$r6o@izzy4.izzy.net>
Source record: 199234

Hi. I have thoughts of becomming involved in packet radio and would like some advice on some TNC's that might serve my purpose. I am looking for something for 2-meters and just want to explore around a bit. I dont want to put too much money into this. I have been looking at the Kantronics KPC-3 or the MFJ 1270C. Any advice on these or other models would be much appreciated. Also, any helps on getting involved in packet radio would be welcome. Thanks.

4328. Re: Q: Ideas for microwave T1 data link ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4q9vmq$psi@gaudi.lahabra.chevron.com>
Source record: 199235
Cross-posted to: alt.radio.digital,rec.radio.amateur.equipment

George Georgiev <georgiev@generation.net> wrote:
>Hi everyone,
>
>I am looking for information about microwave trancivers that are able of
>carying a data link of about T1 line (1 - 2 mB/s TCP/IP, AX 25 or
>somethig like) in area of less than 10 km, line-of-sight. I have some
>points - these, sold my the 'Solution group' fo example, but would like to
>hear for other manufacturers/equipments. The goal of this is to link two
>ethernet networks in the city area.
>
>Any suggestion is welcome.

Western Multiplex makes a 900 Mhz SS system that is designed specifically
for DS1 (T1) interface. The product is called Linx (or Lynx..or some
spelling variation of that...)

4329. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: croaker@access.digex.net
Message-ID: <znr835215179k@Digex>
Source record: 199236
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <4q7dct$o7v@news.ricks.edu> griffithj@ricks.edu writes:

> >Ham radio is so unappealing to the young:
> >
> >1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
> >she refused.
> >2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
> >use it.
> >Electrolux and ham radio both have something in common, what?
> >
> >Burt
> >
>
> I will be blasted by many, but I have not even looked at this group in a
> long, long time, but your post did make me want to respond. You should
> have given them a computer and they would have tore your arm off taking
> it. They know what it take to live now, and ham radio dose not provide
> it.
> Jim, WA7NDD.

Very good points, which is why I am in favor of the NII proposal at 5 GHz, even though the current NPRM doesn't go far enough in my mind. Hams are in an excellent position to provide NII links, and something like that might breathe new life into the hobby.

Unfortunately, the ARRL will do it's usual short-sighted knee-jerk and try to kill it, even though that will be just another nail in our hobby's coffin.

Frank Ney WV/EMT-B VA/EMT-A N4ZHG LPWV NRA(L) GOA CCRKBA JPFO
Sponsor, BATF Abuse page http://www.access.digex.net/~croaker/batfabus.html
West Virginia Coordinator, Libertarian Second Amendment Caucus
"[E]lections amount to no more than choosing between the scum that floats to the top of the barrel and the dregs that settle to the bottom."
- L. Neil Smith

4330. icom 2350h

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: felix8@aol.com
Message-ID: <4qabad$rjl@newsbf02.news.aol.com>
Source record: 199237

hi all,

does anyone know the expanded tx/rx mod for the icom 2350h ?

if someone could tell me i would be very gratefull

thanks

dave

4331. FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: gottria@earthlink.net
Message-ID: <31C8BF89.72C0@earthlink.net>
Source record: 199238

I got the Adms softwear and cable from RT Systems and put the radio into the European mode. Everthing works great. But how do you get it back into the American mode??? I tried the full CPU reset as described in the back of the manuel and everthing I could think of and no luck. I did discover how to screw up the squelch setting for the VHF side, lucky I wrote down the settings first.
--

Greg Ottria, KE6PTP
San Leandro, California
E-Mail: gottria@earthlink.net
1996 Sea Doo GTX

4332. Re: HTX 212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31C8E4E5.5340@accessnv.com>
Source record: 199239

Ted F wrote:
>
> Steve Silverwood wrote:
> >
> > Larry Bourdillon <labour@ix.netcom.com> wrote:
> >
> > >Sami Boulos wrote:
> > >>
> > >> What are peoples' opinions on Radio Shack's HTX 212 2-meter mobile?
> > >> Apparently, price has been reduced to $269.
> It comes with just
> about all the bells and whistles for almost HALF the price of some other
> brands.
> N3SQY

(stuff snipped from above) ...

With the Kenwood TM241A and the Yaesu FT2200 at $259.95, and the Icom
IC-2000H at $279.95 ... and the ADI AR-146 (a real sleeper of a radio!)
at $249.95 ... decide what's half the price of what!

You can buy an Alinco DR-605T for well under $500.00 ... THAT would make
the RS radio half that price, but wouldn't be a dual band (2/440) radio!

73,

"Squeak" Porray, AD7K

4333. Re: Mods for Standard 5718

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31C8E68E.7BAE@accessnv.com>
Source record: 199240

Terry in Dallas wrote:
>
> I have recently purchased a STANDARD 5718 dual-bander and am searching
> for the MARS... modifications. I would appreciate any help.
>
> --
>
> Terry
> tjh@netcom.com
> Data/Voice Networking Communications Consultant
> Dallas, Texas

If you send a photocopy of your M.A.R.S. (Military Affiliate Radio Service) license to your dealer, or direct to Standard, they will be more than happy to provide you with the required information!

73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4334. Re: IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31C8E860.DC5@accessnv.com>
Source record: 199241

ADMS-1C's are on the dealer shelves now ...

If you have an ADMS-1B, RT Systems will upgrade you to the "C" version
for $15.00 ... contact them direct for upgrade information.

73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4335. NEED IC-W31A Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: markovl@vsonic.fi
Message-ID: <4q9pla$p2p@news.clinet.fi>
Source record: 199242

Skip Allison <Allison-CFAD07 Skip@EMAIL.MOT.COM> wrote:
>....
>. I bought an Icom
>IC-W31A. It does simul VHF/UHF , VHF/VHF , UHF/UHF receive. I receives
>all over the place - 100-180 VHF 300-800 UHF and is modifyable for
>800-999 receive. So far I'm satisfied with it. It was just over your $
>limit ($380 with tax at Dayton). By the way, I liked the Yaesu FT51,
>but it doesn't look like it can be modified for 800-900 receive (I like
>to listen to the local PDs on 800).

>Skip
>K9SA

>btw, the Alinco DJ580 has been out of production for a couple years.

I just bought a new IC-W31E, its almost same as W31A model,
but E = European version...
I have no any info for modify RX to 800-999 Mhz.
please if possible send to me some informations about
W31A RX modifications.
73 Marko OI2LMK / OH2LMK

****
* Marko Lumijarvi OH2LMK OI2LMK
*
*
* Email markovl@vsonic.fi AX25 OH2LMK@OH2RBI.FIN.EU
* address c/o G.R.I P.O.Box 161 Kerava FIN-04201 FINLAND
* Phone/Fax int. +358 9 2944175 local 09 2944175
* Cellular/SMS message int +358 400 488770 local 0400 488770
* URL: STILL Under construction.....
****

--.... ...-- -.. . -- .- .-. -.- --- .- -.- .-

--- .... ..--- .-.. -- -.-

4336. Best base antenna for 706?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Darren Ream <dream@post.cis.smu.edu>
Message-ID: <31C87015.4DBE@post.cis.smu.edu>
Source record: 199243

I just bought a 706 and need to buy a base antenna to go with it. I plan to use it for 2m, 6m, and 10m, and will mount it on my roof w/o a rotor. At this point, I think it's come down to one of two choices: a) an MFJ 1798 which has 2m through 80m, or b) a Comet ca-350db which is for 10m and 6m only and then mounting a separate vertical for 2m. If the perfomance of the MFJ is decent on 2m and about as good as the Comet on 6 and 10, I'd prefer to go with the MFJ as it is lots cheaper than the Comet + a separate 2m ant. and it can serve as a full-blown HF antenna when I upgrade to general. On the other hand, if the Comet is significantly better on 6 and 10, I'd rather go with it and worry about HF later.
Does anyone have any comments on either antenna or what I should do?
Thanks,
Darren, KC5OUH

4337. Re: FTP site for mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: ccadic@lenet.fr
Message-ID: <4qa0ij$8vq@mordred.cc.jyu.fi>
Source record: 199244

powen@lynx.dac.neu.edu (Phil Owen) ecrivait:

also

ftp.gen.com
dir: /pub/spiralweb

yours;

Spiral'Web
The RADIO ORIENTATED WEB on the Internet
http://www.gen.com/spiralweb
http://www.gen.com/spiralweb/rciweb/
****
SHOCK WAVE
"THE" EUROPEAN COMMUNICATION MAGAZINE
Philippe Cadic
Manager of the publication
Po Box 523
37305 Joue Cedex

****
FRANCE CB MAGAZINE
"LE" MAGAZINE NUMERO 1 DE LA RADIO
Philippe Cadic - Internet department manager
Le Lac
11130 SIGEAN
TEL: (+33) 68 48 23 73 - FAX: (+33) 68 48 54 48
****
http://www.gen.com/spiralweb
http://www.geocities.com/WalStreet/2413

pgp key at pgp@spiralweb.gen.com

4338. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Simon Lewis <slewis@pacsat.demon.co.uk>
Message-ID: <IdeB9nAKTHyxEw5j@pacsat.demon.co.uk>
Source record: 199245
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

In article <4q1ktd$h5o@zeus.tcp.co.uk>, "Chris Lorek, Ham Radio Today
magazine" <hrt@netlink.co.uk> writes
>John Thomas <100553.1214@CompuServe.COM> wrote:
>
>>No....well not yet anyway. You can do the diode mod and open up
>>the tx from 0-200MHz but the section from >60 to 144 it only puts
>>out <1mW qqqqqqQRP!!
>
>>I understand that ICOM UK are working on a mod to bring up the 4m
>>side for Tx and this is to be publsihed in HRT soon ?
>
>>jim G7NKS
>
>Yes, I'm currently getting a reasonably clean 100W on 4m from the
>IC-706, from the mod I have devised, my thanks going to Icom UK for
>the kind loan of the rig to perform the 'experiments' on! The mod is
>due to be published in a forthcoming issue of Ham Radio Today
>magazine.
>
>Hope that helps.
>
>73, Chris G4HCL
>
>
>Eur Ing. Chris Lorek BSc(Hons) C.Eng. MIEE G4HCL AA0RX
>Consultant Technical Editor, Ham Radio Today magazine
>HRT web site; http://www.netlink.co.uk/users/hrt
>24hr Tel/Fax-back info line; 01703 263429 (use with DTMF phone)
>

How about HRT doing the decent thing and releasing the mod on the net as
well as a 'forthcoming issue'??

Surely this would increase activity on the most under used UK amateur
band ever!

What say you Chris??

Simon Lewis GM4PLM
Email: slewis@pacsat.demon.co.uk
Packet: GM4PLM @ GB7SAN

4339. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1906961533590001@m14494-mac.mitre.org>
Source record: 199246
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

>I recently got my general, and have trying my luck on HF voice
>using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
>dipole at 7' in my first floor apartment ...
>Is it hopeless to run HF voice at 100 watts?
>My luck has been rotten...

Power is not your problem, it's your antenna. I've worked over 150 countries with 100 watts and a dipole, almost all on 20 meter SSB. However, the dipole was up around 25 feet, pretty much in the clear. Remember, 1000 watts is only 10 dB more than 100 watts, and one S-Unit is 6 dB. That KW will only buy you about 1.5 S-Units. Your best bet is some sort of "stealth" antenna. You can make a dipole out of very thin magnet wire, using clear plastic rods as center and end insulators and black twine for support; it's the next best thing to invisible. Or maybe a 1/4 wave vertical up a tree trunk, with a good ground rod at the base. Not ideal, but lots better than your indoor ant. Just get something outside and up a little, and you'll do lots better. Best of luck. 73...

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

4340. RE: Alinco DJ-191T Mods...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: maccabeus@gatecoms.gatecom.com
Message-ID: <4q9qqd$ffr@www.gatecom.com>
Source record: 199247

goto
http://www.cdrom.com/pub/hamradio/oak/mods

Lowell Beckner (beck01@primeline.com) wrote:
: Does anyone have a mod for the Alinco DJ-191T to allow out-of-band
: transmission? I have a business frequency in the 157mhz range I would like
: to use it on.

: Lowell
: N4ZLJ

--
73 Phillip KC8DQF
##
"If the government is big enough to give you everything you want,
it is also big enough to take everything you have."
##

4341. 3320 Teletype

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: RON@do.sanjuan.k12.ut.US
Message-ID: <21367CA4F67@do.sanjuan.k12.ut.us>
Source record: 199345

I have a Teletype unit I don't need.

RON MCDONALD
SAN JUAN SCHOOL DISTRICT

4342. Re: HTX 212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: kb6ojs@earthlink.net
Message-ID: <4q7nlt$n4e@guyana.it.earthlink.net>
Source record: 199346

Larry Bourdillon <labour@ix.netcom.com> wrote:

>Sami Boulos wrote:
>>
>> What are peoples' opinions on Radio Shack's HTX 212 2-meter mobile?
>> Apparently, price has been reduced to $269.
>> ...
>>

>The HTX-242 was announced a couple of months ago, so RS has apparently
>dropped the price on these units.

What is the 242? How different from the 212?

4343. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: gbath@up.net
Message-ID: <4q7if0$i90@btc1.up.net>
Source record: 199347
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles1@netcom.com (charles copeland) wrote:

>I recently got my general, and have trying my luck on HF voice
>using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
>dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
>sitting on mag mount on floor with two 30' folded counter poise wires).

>My luck has been rotten, (with exception of 10 meters). I've talked
>to three HAMS on 20 meters only to have to struggle just to get
>them to recognize my callsign.

>This brings up my question: Is it hopeless to run HF voice at 100 watts?

>If I were to get a inverted V dipole up at 40' would I have the same
>lousy luck? What cheap portable antenna would be most efficient?

>I know two other HAMS who have recently gotten their general,
>and both report lousy results on 20m-160m running 100watts.
>Both live on third floor apartments using folded dipoles. Both rarely
>are able to snag a QSO.

>What about running mobile? A 6' whip should pale to a 60' dipole on 3d floor?
>Seems 100 watts and a whip would be worse than hopeless.

>Is 100 watts sufficient when the sunspot cycle picks up?

>Are 20m-160m bands strictly the domain of the "big guns"
>running 1500 watts, 100 foot towers, and monster beams?

>If this is so, what is the minimum setup to operate effectively?

>400 watts, 600 watts, 1000 watts?

>30', 40', 60', 100', tower?

>antennas?

I run 100 watts ssb on 40 meters ,and dont have many problems in
daylight hours.I use an inverted vee up at 30 feet.My 30 years
experience tells me that your choice of 20 meters is a poor one. This
is known as kilowatt alley, plus people on 20 only listen for 59
sigs.Your antenna selection needs to be improved : as in get it
outside and up in the air if possible.I dont operate 160 meters
because I dont have the required 40 acres to get a half wavelength
antenna up, and you shouldnt either.Ten meters is good but isnt open
much in this sunspot cycle.I would try 15 meters or 40 meters with the
proper length antenna if possible.Even just getting that antenna up

and outside and resonant will do wonders . even on 20 meters.

Glenn, WA8YIR

4344. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: geo@nando.net
Message-ID: <31c773b5.1687952@news2.nando.net>
Source record: 199348
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

I worked my first hundred countries with a hundred watts to a set of rain gutters! This was about 3 years ago with SFIs around 100. With conditions as they are, even a kilowatt and a beam can be tough!

73 DE KQ4QM (George)

THE geo DXCC page and THE geo LOVEBIRD page
http://www.webbuild.com/~geo

4345. Re: Q: Ideas for microwave T1 data link ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Lyndon David <lyndond@sentinet.co.uk>
Message-ID: <31C73C1A.B4B@sentinet.co.uk>
Source record: 199349
Cross-posted to: alt.radio.digital,rec.radio.amateur.equipment

Is 10k too far for a laser link? I seem to remember seeing an add
for one of these and it being cheap and not requiring a licence.
Dont know how far it would go though. Not much use in fog as well
I expect.

Lyndon

George Georgiev wrote:
>
> Hi everyone,
>
> I am looking for information about microwave trancivers that are able of
> carying a data link of about T1 line (1 - 2 mB/s TCP/IP, AX 25 or
> somethig like) in area of less than 10 km, line-of-sight. I have some
> points - these, sold my the 'Solution group' fo example, but would like to
> hear for other manufacturers/equipments. The goal of this is to link two
> ethernet networks in the city area.
>
> Any suggestion is welcome.
>
> Thanks, George.
>
> --------- All opinions are my own, no company or org. ---------
> --------- should be linked with what is stated here. ---------
> George Georgiev georgiev@generation.net
> geogeo01@aircanada.ca

4346. Re: What's a Substitute for a 8950 tube?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960619023513.13874A-100000@freenet2.afn.org>
Source record: 199350

On 18 Jun 1996, Carl Hodder wrote:

> What tubes can substitute for the 8950?

Hi Tom here... We used to go the other way around swapping a pair of 6JS6C's for a pair of 8950's...

In order to sub a 6JS6C for a 8950, you would need to provide 6V for the filaments VS the 12V used on 8950's filaments an pin 6 of the 6JS6C needs to be grounded... On rigs like the FT-101 series radio, it was simple an easily done by a little re-wiring of the tube sockets...

The 6JS6C's don't put out the same amount of power, about 60w per tube... 6JS6C's are easier to find than good 8950's
Hope this helps...
73 De Tom

4347. Re: * Which is better: IC-706 or TS-450s ? *

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.93.960619024701.13874B-100000@freenet2.afn.org>
Source record: 199351

On 18 Jun 1996, Jim Fellows wrote:
> |>
> |> I am in the market for a new Trmtr/Rcvr. Can't decide between the
> |> IC-706 or TS-450s. Woulld appreciate your input via email.
>
> If politics might have any sway with you tehn the ICOM is a better choice.
>
> The reason is that Kenwood has recently started a new sales tactic that
> distributes to retail shops at truck stops, stereo stores, gas stations, and
> what have you. They are trying to increase their sales markedly. A number of
> hams are upset at this due to the obvious lack of concern that these new retail
> agents will have for license checking. This means that any old schmuck, CBer,
> or dope dealer has a new and easy method to obtain radios that transmit on the
> amateur bands.
>
> Now if this matters to you, then you might want to purchase something else
> rather than a Kenwood product. I certainly won't do business with them until
> this sales tactic is changed.
>
> Jim

I take it you have never been to a hamfest, or an Amature Radio Store....?
There is more Rigs being sold to CBers' an what not, than you could ever
keep track of. If you ever listen on 80, you would know who owns an sells
CB an ham equiptment in Tenna, Ky & Ga... I have never been asked for my
Ham license, just my drivers license when buying by check... Kenwood is
just getting in on what Yaesu started 30 years ago... The 101 plain an
all its followers up to the Late 101E's models had 11 meters in them from
the get go... Just clip a wire, add the Am filter an go for it... The
A.E.S. company used to sell the additional X-tals for 26.000 - 28.000
coverage at the same time, they would sell you the rig...

Aside from that: with all the No-coders, alot of them are truck drivers.
They are just openning a broader market, an if you listen to 20 mtrs,
you would hear a lot of 18 wheelers with calls, probably even a few
legal ones..? It might make it more competitive, which could <?> mean
a little price dropping..?

But back to the original question: 450 or IC-706 which one???
For actual mobile usage the 706 will hold up better, for home
use the 450 is a better choice... Remember when you shrink them
down to the TS-50 an IC 706, there is a hell of a lot less radio
to dissapate 100W's of heat from a long winded rag chew... I have
repaired 2 706's for overheat related failures... In one the traces
lifted an broke at the power trans. The other had Tx regulator failure

trans actually cooked an fell apart....

So much for my input.
73 De Tom

4348. ???Icom w31a Help???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: "Richard D. Spector" <richard.d.spector@csus.edu>
Message-ID: <31C7B57F.4C31@csus.edu>
Source record: 199352

I am very new to the hobby of Ham Radio so I am having a little trouble with my new HT.

*When should I use the encode and decode Pl Tone on my HT.

*I now that a repeater sometimes requires a PL
Tone encode but when would I use the decode or the T Sql vs just The T.

*How do I use the paging function on this unit and exactly what does it do?

*I have read about doing B # while powering up and this expands the recieving on this unit but exactly what frequency really recieve. My dial now reads 50-999mhz. Can I recieve on these. Can I monitor 6meters?

*Does anyone have anymore tidbits on the expanded capabilities of this unit.

Thanks for all the help and hopefully when I become more experienced with my new radio I can help someone eles at that is just starting.

4349. Re: HTX 212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Aubrey Hawkins <aubreyh@why.net>
Message-ID: <31C7D627.7F8E@why.net>
Source record: 199353

Steve Silverwood wrote:
>
> Larry Bourdillon <labour@ix.netcom.com> wrote:
>
> >Sami Boulos wrote:
> >>
> >> What are peoples' opinions on Radio Shack's HTX 212 2-meter mobile?
> >> Apparently, price has been reduced to $269.
> >> ...
> >>
>
> >The HTX-242 was announced a couple of months ago, so RS has apparently
> >dropped the price on these units.
>
> What is the 242? How different from the 212?

I personally really like my 212. I wish RS would come out with a dual bander.

My 212 has everything I need in one package. I bought it used for $200.00. $If you wait a little while, if I know RS like I think I do, if you wait about a month it will probably go below $200.00.

73's,

Aubrey
KC5USi

4350. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: norbert.fund@pef.fzk.de
Message-ID: <4q8d3k$8qr@hdihp3.fzk.de>
Source record: 199354
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

>Burt Fisher wrote:
>>
>> .....
>
>Just a few facts, and I wonder, if you could figure out the WHY..
>
>(1) Did you ever notice, that most people of the jewish faith have
> uniquevocal GERMAN names? Did you ever waste a thought, why that may
> be this way? Rosenzweig, Goldstein, Goldhagen ... all these names
> make sense, when you look them up in a German->English dictionary.
>
....
>
>Siegfried Rambaum
> KB2YVC + DE8FGO
>
>PS: Before you reply, please THINK
>

SIEGFRIED,

Respekt fi¿½r Deine Antwort. Es sind aber Perlen vor die Saeue geworfen.

Was Burt Fischer anbetrifft: Burt ist ein Arschloch.

(... muellt in diese groups seit Jahren.)

To BURT: maybe you will find some american nazi fan for translation !

*** norbert fund - karlsruhe/germany ***

4351. Want:To convert Swan 500 to 700 Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: wega@ios.com
Message-ID: <4q8m3o$jsj@news.ios.com>
Source record: 199355

I'm looking to increase the power of my Swan 500 to the 700 model. Can anyone tell me what tubes I need to switch to? Also what mods need to be done to accomodate the new tubes? Thanks in advance for any help.

73's Doc WE6A

4352. Re: HTX 212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: Ted F <Tfalkow@telerama.lm.com>
Message-ID: <31C7F32D.5701@telerama.lm.com>
Source record: 199356

Steve Silverwood wrote:
>
> Larry Bourdillon <labour@ix.netcom.com> wrote:
>
> >Sami Boulos wrote:
> >>
> >> What are peoples' opinions on Radio Shack's HTX 212 2-meter mobile?
> >> Apparently, price has been reduced to $269.
> >> ...
> >>
>
> >The HTX-242 was announced a couple of months ago, so RS has apparently
> >dropped the price on these units.
>
> What is the 242? How different from the 212?
It is the same radio with two added features. First, it has 41 memories instead of the 31 that the 212 has. Also, the 242 has the ability to save out of band freqs in memory. The 212 does not have that ability at all. Otherwise, they are identical. As for how they work, I've had a 212 for several months now and i can't complain. It comes with just about all the bells and whistles for almost HALF the price of some other brands. You might consider getting the extended warrenty though, just incase all the bugs arent' worked out of the design yet. Remember what happened to early htx-202 when used with 12v with the battery on!
Ted F.
N3SQY

4353. Re: FT-50R Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: David De Coons <ddecoons@easyway.net>
Message-ID: <01bb5ddf.b4b87be0$f8b2e8cd@ddecoons>
Source record: 199357

> - During scan the unit beeps when it stops on a active channel. Can
> this beep be turned off. I dont like this option, I can turn it off in
> my current mobile unit. I know you can turn keypad beep off but wasing
> wondering about the scanning beep.

The keypad and scanning beep are one and the same. Shutting off the keypad
beep also shuts off the scan beep.

> -Does the more expensive keypads have directory entry for the frequency
> or do you have to use the VFO to enter them.

Even the standard keypad on the FT-50 allows direct frequency entry.

I like mine!

--
David De Coons
ddecoons@easyway.net

4354. Re: Q: Ideas for microwave T1 data link ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: root@wwd.net
Message-ID: <4q9118$q8k@news.vic.com>
Source record: 199358
Cross-posted to: alt.radio.digital,rec.radio.amateur.equipment

In article <Pine.SOL.3.91.960618115124.8419A-100000@smtp>,
georgiev@generation.net says...
>
>Hi everyone,
>
>I am looking for information about microwave trancivers that are able of
>carying a data link of about T1 line (1 - 2 mB/s TCP/IP, AX 25 or
>somethig like) in area of less than 10 km, line-of-sight. I have some
>points - these, sold my the 'Solution group' fo example, but would like to
>hear for other manufacturers/equipments. The goal of this is to link two
>ethernet networks in the city area.

Personaly I like the WyLan Hopper Plus units. They work on 900 MHZ spread
spectrum and the factory ones should handle the area you specify (Just).
Configuration of the units depends on how you are planning to set up:

Example 1: Multiple Slave Units, Central Hub, 1.544 Mb/s 802.2

```
I-----------------------------10km-------------------------I
S S

S

H S

S S S S

S S S
```

Example 2: Network Link, 2 networks linked via repeater Unit (765kb/s)

```
I--------7km----------I-------------7km-----------I
N R N
```

Example 3: Multiple Network Link, 3+ networks, linked via repeater (765kb/s)

```
I--------------------14km-----------------------------I
-N R N
I
I
I
I
I
7km
I
I
I
```

I
I
- N

The Wy-Lan Hopper Plus units are quite flexible and work Point to Multi-Point or Point to Point with only minor changes. Price Runs about $2500 per unit and no FCC License is required to operate them. Antennas for these units are quite small and they can be placed just about anywhere. Line of Sight is neccesary for operation though. If you need some more information, feel free to contact ray at our office for more information.

Robert Harrold
root@wwd.net
(606)324-4638
.

4355. Modification of Yaesu FT-51R how ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: karsten@informatik.rwth-aachen.de
Message-ID: <4q901o$gsb@news.rwth-aachen.de>
Source record: 199359

Hi all,

I'm searching for information about modification (esp. increase RX-Range)
of the Duo-Band-Handie Yaesu FT-51R.

Please mail suggestions, layouts, etc. to me

mni tks es vy 73 de

Karsten Richter (karsten@pool.informatik.rwth-aachen.de)

4356. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: mdenis <mdenis@netnet.net>
Message-ID: <31C80FFB.314C@netnet.net>
Source record: 199360
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles copeland wrote:
>
> I recently got my general, and have trying my luck on HF voice
> using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
> dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
> sitting on mag mount on floor with two 30' folded counter poise wires).
>
> My luck has been rotten, (with exception of 10 meters). I've talked
> to three HAMS on 20 meters only to have to struggle just to get
> them to recognize my callsign.
>
> This brings up my question: Is it hopeless to run HF voice at 100 watts?
>
> If I were to get a inverted V dipole up at 40' would I have the same
> lousy luck? What cheap portable antenna would be most efficient?
>
> I know two other HAMS who have recently gotten their general,
> and both report lousy results on 20m-160m running 100watts.
> Both live on third floor apartments using folded dipoles. Both rarely
> are able to snag a QSO.
>
> What about running mobile? A 6' whip should pale to a 60' dipole on 3d floor?
> Seems 100 watts and a whip would be worse than hopeless.
>
> Is 100 watts sufficient when the sunspot cycle picks up?
>
> Are 20m-160m bands strictly the domain of the "big guns"
> running 1500 watts, 100 foot towers, and monster beams?
>
> If this is so, what is the minimum setup to operate effectively?
>
> 400 watts, 600 watts, 1000 watts?
>
> 30', 40', 60', 100', tower?
>
> antennas?

Hi Charles,

I empathize with trying to operate HF from an apartment location. I
would try all means to get an antenna outside, if at all possible. There
are several interesting articles posted on the web that speak to
'clandestine' wire antennas.

If that is not an option, I would suggest something like the AEA Isoloop. While it is a compromise, it will allow you to make contacts on HF at the 100 watt level. If you disguise it right, it will look like a bird feeder and you can hang it outside a patio door. Of course, as in most antennas, higher is better.

I'd stay off 20 meter ssb while in the apartment. Usually you will generate tons of RFI that your neighbors will just not appreciate. Also, you'll need to monitor your VCR when your on 80 meters. Try 20 meter CW running QRP at night and you'll do well and you won't bug your neighbors

(and your apt. manager won't bug you ;))

Good Luck es 73
Marc
KD0QO

4357. ADI 400HP mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: mattw@cris.com
Message-ID: <4q93bu$s0v@liberator.concentric.net>
Source record: 199361

I am looking for a mod for a local ham operator who just bought a new ADI 400HP. Myself, I am not familiar with the radio but he has heard there are some mods for the 200 HP to "open up the transmit..." for something... I don't know all the particulars, but I was hoping that someone may be able to help me out. If you have the mods for either the 400 HP or the 200 HP, please either (1) post them or (2)e-mail me. Thanks! - Matt (mattw@cris.com)

4358. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-19 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4q92jm$r4f@sloth.swcp.com>
Source record: 199362

100 watts is MORE than enough for solid QSOs! Remember...the #1
thing you should be worried about is your antenna (height, type,
etc.). Don't get bummed over some hard times. Keep at it! Also, you
obviously upgraded, so why not use your CW privleges? You would get
far better results with CW, which is in my opinion the best and
funnest mode in Amateur Radio.
To prove it...I run both high power stations (100 watts), and QRP
stations (0 - 5 watts). I have made contacts all over the country and
world with an MFJ-9020 QRP rig on 20 meters with 5 watts using just a
dipole up 15 feet. I have also made contacts and received awards on a
NorCal 49'er 40 meter QRP XCVR the fits in a metal Altoids mint box,
with its 9 volt battery, and it puts out only 250 MILLIWATTS!
So it can be done. Try CW. Try getting a better antenna. But
don't give up!
Best of 73,
Brian, N5ZGT

PS - If anybody says you need to get an amp, YOU DON'T. It doesn't
take a whole lot of power to talk around the world as you read above.
I will never put an amp in my station because I can do the same things
with it with 100 watts, 5 watts and 250 milliwatts! Good luck!

Boy Scouts of America Amateur Radio - N5ZGT
JASM -Troop 41 ARRL QRP: NorCal# 1700
Albuquerque, N.M. Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com

4359. Re: * Which is better: IC-706 or TS-450s ? *

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: rogerjb@earthlink.net
Message-ID: <4qarjh$3sj@chile.it.earthlink.net>
Source record: 199163

In <4q5ck9$ig9@epx.cis.umn.edu>, ibra0002@gold.tc.umn.edu (Ayman Ibrahim) writes:
>I am in the market for a new Trmtr/Rcvr. Can't decide between the
>IC-706 or TS-450s. Woulld appreciate your input via email.
>
>Ayman
>
I would suggest to you that the two radios are not comparable; they are designed to meet different needs.

The 450S is about the largest radio you'd want to take mobile; it is really more of a portable than a mobile, due to its size. On the other hand, it is absolutely full-featured, and makes a nearly no-compromise base station radio. It does not, of course, offer VHF.

The 706 is an adequate HF radio, but the receiver has certain drawbacks due to its design. Additionally, the radio's menu/controls are generally agreed to be hard to use since there are layers of menus in place of front panel controls. The 706 offers 6/2Ms, which is a huge plus for many hams.

I just made the same comparisons you are making; I chose the Yaesu FT-900. It is smaller by far than the 450S, has about the same capabilities as a base station radio, and has a detachable front panel. It does not, like the 450, offer VHF, as does the 706.

Roger J. Buffington
AB6WR
USC Law School Class of '97

rogerjb@earthlink.net

"I want to die peacefully, in my sleep, like my grandfather.
Not screaming, and in terror, like his passengers."

4360. Yaesu software on Mac?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: kjsmith@violin.aix.calpoly.edu
Message-ID: <4qav21$253k@violin.aix.calpoly.edu>
Source record: 199164

Has anyone tried using any of the Yaesu programming software (ADMS-1C, etc) on a Macintosh running SoftWindows?

I'm a Mac person (no flames please, I'm quite happy, thanks), don't own a PC yet (need to pick up a cheap 386 for radio stuff), and haven't had success with other serial-port intensive stuff (ie: Motorola RSS). I was wondering if I'll be able to get by using SoftWindows for more than just configuring.

With Motorola RSS, I can read files, edit files, save files, etc... But reading or writing radios has always been unsuccessful. I'm hoping the Yaesu will be different.

--
Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

4361. Mods for Kenwood TH-31BT?????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <4qaor7$bpd@dfw-ixnews3.ix.netcom.com>
Source record: 199165

Picked this 220mhz HT and a 2m TH-21AT at a hamfest for next to nothing ($66.00 for the pair and they work great!!). The 2m will tx/rx from 140mhz to 149.995mhz. I don't know if it has been mod'ed or what. Anyway, is there a tx/rx mod for the 220mhz rig? Why do I want this mod? Beats me, I guess I just hate seeing all those numbers (225 - 229.995mhz) on the freq selector going to waste!

Thanks!

John B. Lawrence
KE6TGN

4362. Kenwood TR-2600A question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Chris Davis <cdavis@ptel.net>
Message-ID: <01bb5e5b.73cbedc0$0c5c09ce@cdavis>
Source record: 199166

I just received a Kenwood TR-2600A (an older HT) and was wondering...

The manual says it is "capable of tuning from 140.000 thru 159.995 MHz..."
The radio will only let me enter frequencies of 140.000 to 148.995. Is
there something else I need to do? (According to the instructions, all I
need to do is enter the frequency, without the first digit, since it's
assumed to be a one. This radio assumes the first two digits are
one-four, and only lets me enter the last four digits of the frequency.)

I just thought it would be nice to hear the police calls!

BTW, I'm taking my exam next Tuesday (aiming for Tech+), so wish me luck!

Chris
(calls to be inserted here soon!)

--
<><--><><
Chris Davis
cdavis@ptel.net
Asst. Engineer
KJLY - Christian Radio
Blue Earth, MN
<><--><>

4363. Re: Info Needed: Mods for Alinco DJ-F1 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: rmwatson@eskimo.com
Message-ID: <DtAqpL.LGF@eskimo.com>
Source record: 199167

Thanks to everybody that has replied regarding this original post. I was playing around with the radio, and it does seem to have the modification already, so I dont have to mess with it any further.

(Whomever owned it before me did BOTH modifications, so I have tx from about 139 Mc - 173.995 Mc.) Of course this was done into a dummy load......

I think the manual says after the RX modification, that I should be able to receive from 118Mc-136Mc, BUT I am at this time only to receive from 130Mc up to 173.995Mc. Is there a reason for this, or possibly the modification was performed on the TX only, and not on the RX. Further examination may be in order.

Thanks again and 73

Robert/KJ7BO
rmwatson@eskimo.com
bg893@scn.org

4364. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4qbibl$5d6@lehi.kuentos.guam.net>
Source record: 199168
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

griffithj@ricks.edu (James Griffith) wrote:

> They know what it take to live now, and ham radio dose not provide
>it.
> Jim, WA7NDD.

Jim, does bowling, or stamp collecting, or bird watching, or water
skiing provide a living for the people who engage in those activities?
Where did you get the idea that ham radio was or is a career move ?
Last time I looked, it was a hobby.

73, Jim KH2D

4365. ICOM 281-H Out of band ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Hugh Pearson <hpearson@stc.net>
Message-ID: <31C94033.46E1@stc.net>
Source record: 199169

Does anyone know of an out of band mod for the 281-H? Receive only would be okay. I have searched and have come up with nothing...

Thanks,
Hugh Pearson
--
mailto:hpearson@stc.net
http://www.geocities.com/SiliconValley/6694

4366. Hold function for RS freq counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: ag368@FreeNet.Carleton.CA
Message-ID: <4qbff4$bgg@freenet-news.carleton.ca>
Source record: 199170
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Could someone please repost the mod. I thought I had my screen capture enabled and when I went back to re-read the file I could no longer find the article in the newsgroup.

thanks much.

--
Mark Boyer VE3MJB ag368@freenet.carleton.ca
mboyer@cyberus.ca

If diamonds are a girls best friend, then gravity must be her worst enemy!

4367. Re: NEED IC-W31A Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: mead@dg.com
Message-ID: <4qbmio$om9@dg-rtp.dg.com>
Source record: 199171
Body handling: Inline uuencoded payload not displayed: ICOM.GIF

In article <4q9pla$p2p@news.clinet.fi>, markovl@vsonic.fi (Mark) wrote:
>Skip Allison <Allison-CFAD07 Skip@EMAIL.MOT.COM> wrote:
>>....
>>. I bought an Icom
>>IC-W31A. It does simul VHF/UHF , VHF/VHF , UHF/UHF receive. I receives
>>all over the place - 100-180 VHF 300-800 UHF and is modifyable for
>>800-999 receive. So far I'm satisfied with it. It was just over your $
>>limit ($380 with tax at Dayton). By the way, I liked the Yaesu FT51,
>>but it doesn't look like it can be modified for 800-900 receive (I like
>>to listen to the local PDs on 800).
>
>>Skip
>>K9SA
>
>>btw, the Alinco DJ580 has been out of production for a couple years.
>
> I just bought a new IC-W31E, its almost same as W31A model,
> but E = European version...
>I have no any info for modify RX to 800-999 Mhz.
>please if possible send to me some informations about
>W31A RX modifications.
>73 Marko OI2LMK / OH2LMK

uuencoded GIF image of 800 mod for W31A. Not a very good image, but if you are capable of doing the mod, you should be able to figure it out. This mod should not be used on radios used in the US as it enables cell receive and opens up transmit a bunch.

-------------------------cut---
<---- Begin Attached File ---->

[Inline uuencoded payload not displayed: ICOM.GIF]

<---- End Attached File ---->

l

.---.
Glenn Mead	KE4ZEA	
Data General Corp.	e-mail mead@dg.com	Without challenge there
62 Alexander Dr.	voice 919/248-6029	is no chance to excel.
RTP, NC 27709	fax 919/248-6108	
packet KE4ZEA@KB4WGA.#DUR.NC.USA.NOAM
`---'

4368. Automatic Antenna Tuner AT-11

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: nk30@alux3.cnet.att.com
Message-ID: <4qboii$qea@nntpb.cb.lucent.com>
Source record: 199172
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Has anyone built the automatic antenna tuner AT-11?

I am looking for input on how well it works.

Does it have enough protection for the transmitter while it is
selecting a match or does it simply rely on the pa design limits?

I am looking for a project to build and this would be useful.

Comments?

Jeff

NK3O

4369. Re: radio mods? Go HERE!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDtB0Jp.2Js@netcom.com>
Source record: 199173

In article <4q9a15$a6q@www.gatecom.com> maccabeus@gatecoms.gatecom.com (Maccabeus) writes:
-you can find your radio mods at this web site. quicker than asking in
-the group
-
- http://www.cdrom.com/pub/hamradio/oak

Or look for them at their source, ftp.barc.org (aka. oak.oakland.edu)
under pub/hamradio/mods.

If you have any mods you want to add, contact Cheyenne Greatores,
n1qzs@magrathea.com, who maintains that archive.

/mike
n1ist@netcom.com
President, Boston ARC

--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@netcom.com /|\

4370. Re: ???Icom w31a Help???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qbo13$s28@brokaw.comm.mot.com>
Source record: 199174

I did the B# trick too, but my W31A only goes up to 799.9 mHz. Did you do anything else to get it to go up to 999?
Mine says it receives down to 50 mHz, but it won't hear anything below 60 mHz. The sensitivity is OK down to about 120 mHz and is really poor below that. On UHF it is good up to about 480 mHz then drops off. The sensitivity gets better around 700 mHz and I suspect it would be OK at 800-900 mHz.

The PL decode function is good if you have any receive IM or spur problems. Of course that is only if the repeater you're listening to is transmitting PL. In my area, I constantly hear spurs from car radios (Local Oscillator X 4). I listen PL all the time on UHF. Almost all the UHF repeaters in the Chicago area are transmitting 114.8 PL.

73,
Skip K9SA

4371. FS: 5 Band 2 element Fibreglass Quad

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: macino@mail.fwi.com
Message-ID: <4qbpp2$ba0@news.fwi.com>
Source record: 199175

I have a brand new Antenna Mart 5 Band 2 element fiberglass for Sale.
The antenna is 'still in the box'. The antenna uses 1 piece reinforced
fiberglass spreaders. The boom mounts are heliarced industrial quality
units. The antenna has been stored indoors since I purchased it about
2 years ago. I haven't seen a recent ad from Antenna Mart and don't
know what their status is. All documention and parts are complete.

I'm asking $300. It's not UPS able, so I'd drive 150 miles to help in Delivery.
It is easily transported on a Blazer, Jeep Cherokee, type of vehicle. I
bought it in Dayton, and just never got around to putting it up.

Jim WD9AHF

4372. Mod for IC-2000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: arisk@spidernet.COM.cy
Message-ID: <199606200637.JAA08467@mail0.spidernet.net>
Source record: 199176

Can some one give me any mods for the IC-2000?
Your help will be greatly appreciated
de Aris -5B4JE

4373. FT-50R soft voice problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: rosch@stow3.ogo.dec.com
Message-ID: <4qc0rb$2ge@mrnews.mro.dec.com>
Source record: 199177

I love my FT-50R. However I'm told I'm 'undermodulating'. Ok - I have a soft voice and I'm not going to scream (to me) into the rig. If I get any closer I'll RF my eyes.

There's probably a pot to adjust but I don't want to dig into the innards and void the warrenty.

Is there a 'secret code' through the keypad to increase the mike gain? Does the Adams-1C programming sw allow a method of increasing modulation? Or do I have to send it to Yaesu or bring it to a licensed repair facility in eastovershoe?

4374. =======IC 820H HELP HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Walter Girardi <narda@sunrise.it>
Message-ID: <31C97EFB.3B1A@sunrise.it>
Source record: 199178

I HAVE THE IC 820H AND I HAVE TROUBLE WITH THE OUTPUP POVER
ANYBODY CAN HELP MY
THANKS IN ADVANCE
WALTER <narda@sunrise.it>

4375. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun20.133842.10513@ke4zv.atl.ga.us>
Source record: 199179
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <charles1DtA3tG.E82@netcom.com> charles1@netcom.com (charles copeland) writes:
>
>Thanks to all who replied! Its good to know that is hope at 100 watts.
>
>I'll have to work in this, as it is quit hard being on the first floor
>and surrounded by neighbors on all sides and above. When my lease is
>up, I'll have to do some serious prospecting on a more suitable apartment.

As Carlton Sheets would say, "Why pay the other fellow's mortgage?"
Forget apartments, buy a house. It has tax advantages, it builds
equity, and if you work the deal right you can put cash in your pocket
at the closing. But most important from an amateur point of view, you
can put up good antennas.

If you're really slick, you'll buy an apartment building. Then you can
put up whatever antennas you want, and your other tenants pay the mortgage.
In fact, talk to the owner of your current apartment building. You might
not even have to move.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4376. Re: Ten-Tec Titan

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: "Stacey E. Mills, M.D." <sem2r@virginia.edu>
Message-ID: <31C99DE4.6217@virginia.edu>
Source record: 199180

TOM, LA9GX wrote:
>
> Can anyone give me a qualified opinion on the Titan amplifier??
> Referanses to review-articles etc. wanted to.
>
> 73 de tom, LA9GX

Yeah, like all Ten-Tec stuff, it's well made and extremely well supported by a fine staff in Tennessee.. I've had one four about 18 months. Bought it used and love it.....I believe that Ten-Tec has discontinued making new ones, but I'm sure they'll support the ones out there "forever."

4377. ICOM IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: rick_smith@vnet.ibm.com
Message-ID: <4qc79i$2g60@ausnews.austin.ibm.com>
Source record: 199181

Has there been a ham radio magazine review of the IC 706? I'm interested in reading more about it. Thanks.

73
Rick

4378. SELL:PK-232 MBX tnc

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: cturner@popalex1.linknet.net
Message-ID: <6147cc$fe1f.13c@NEWS>
Source record: 199182

I have a PK-232 MBX with the latest Pactor Firmware for sale. It comes with radio cables, serial cable and manual. Asking $200 shipped in ConUS. Contact Clifton-KF5OJ at 318-442-4734 or email cturner@popalex1.linknet.net

Clifton Turner KF5OJ

4379. Re: radio mods? Go HERE!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: tjh@netcom.com
Message-ID: <tjhDtBB8L.Hwp@netcom.com>
Source record: 199183

Maccabeus (maccabeus@gatecoms.gatecom.com) wrote:
: you can find your radio mods at this web site. quicker than asking in
: the group

: http://www.cdrom.com/pub/hamradio/oak

: now goto the mods subdirectory and look up by make/model

I have been unable to locate the mods for my STANDARD 5718 rig here or
anywhere else...?

--

Terry
tjh@netcom.com
Data/Voice Networking Communications Consultant
Dallas, Texas

4380. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <4qc315$6l5@acme.freenet.columbus.oh.us>
Source record: 199184
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles copeland (charles1@netcom.com) wrote:
<snip>
: Yes, I've gotten a tremendous amount of e-mail (30!) on this and all agree
: that 100 watts is sufficient. All replies have focused on my antenna ...
: or lack of an adequate antenna.

: Thanks to all who replied! Its good to know that is hope at 100 watts.
<snip>

In case noone else has mentioned it, DO NOT ATTEMPT TO IMPROVE YOUR
RESULTS BY GETTING AN AMPLIFIER!. Putting 100 Watts into the antenna
you describe is risky enough. More power might endanger your health,
or start a fire somewhere that you won't see it for a while.

K8EF

--
Gerry

4381. Re: FTP site for mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: whowell@epix.net
Message-ID: <NEWTNews.835285175.28730.whowell@epix.net>
Source record: 199185

```
try www.qrz.com 100's of mods available
```

4382. For Sale: Kenwood Mc80

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: james towle <cat1@cat1.demon.co.uk>
Message-ID: <w1yWbpAzPcyxEwIq@demon.co.uk>
Source record: 199186

For sale kenwood mc 80 desk mike very good condition
only 40 UKP

Please e-mail me if you're intrested!
--
James Towle, and yes that IS my real name!

4383. Info on ICOM ICZ1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: ambrosis@intac.com
Message-ID: <ambrosis-2006961704480001@news.intac.com>
Source record: 199187

If anyone can point me in the right direction for information about mods for the Icom ICZ1A. I would greatly appericate it. I have looked in the mod sites I have found on the web but I have had no sucess in locating information for this paticular model. Thanks for your help.

J P Slota <ambrosis@intac.com> KB2ZIV

4384. Re: FT-50R soft voice problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: estedman@aol.com
Message-ID: <4qc69o$jmh@newsbf02.news.aol.com>
Source record: 199188

Subject: FT-50R soft voice problem
From: rosch@stow3.ogo.dec.com
Date: 20 Jun 1996 17:13:15 GMT
Message-ID: <4qc0rb$2ge@mrnews.mro.dec.com>

You wrote:
>I love my FT-50R. However I'm told I'm 'undermodulating'. Ok - I have a
>soft voice and I'm not going to scream (to me) into the rig. If I get any

>closer I'll RF my eyes.

>There's probably a pot to adjust but I don't want to dig into the innards

>and void the warrenty.

>Is there a 'secret code' through the keypad to increase the mike gain?
>Does the Adams-1C programming sw allow a method of increasing modulation?
>Or do I have to send it to Yaesu or bring it to a licensed repair
facility
>in eastovershoe?

Mine also undermodulates.....the speaker mic helps, but is not always
convenient.
I would also be interested in upping the modulation.

4385. Any comments on SGC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4qch7m$19qs@pulp.ucs.ualberta.ca>
Source record: 199189

Hi,
Came across the SGC webpage, have seen their ad in QST, and am
wondering about their products. Whenever Hams talk about American made
amateur products, Ten Tec is the name usually mentioned. I haven't really
seen any comments on the SGC transceivers. Curious to know if any folks
out there have had any experiences with SGC. Looks like quality gear.
Chris VE6RDC

4386. Re: IS ADMS-1C out or not?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Frank White <frankw@nortel.ca>
Message-ID: <31C9B9A7.48D8@nortel.ca>
Source record: 199190

```
Dale "Squeak" Porray wrote:
>
> ADMS-1C's are on the dealer shelves now ...
>
> If you have an ADMS-1B, RT Systems will upgrade you to the "C" version
> for $15.00 ... contact them direct for upgrade information.
>
> 73,
>
> "Squeak" Porray, AD7K
> Manager, Amateur Electronic Supply/Las Vegas

What improvements/advantages does the 1C version have over the 1B?

TIA,
Frank, WB4TPD
```

4387. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C9E377.4B23@ccsnet.com>
Source record: 199191
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Scott Rosenfeld NF3I wrote:

> Why on EARTH would your child have GOTTEN a license if she hates it?
> Did you push her into something even YOU hate and NOT expect her to
> hate it?

She LEARNED to hate it AFTER talking to hams.
She hates it FAR more than I do and made me negative on it.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4388. IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Joe2ptd <Joeray@ptd.net>
Message-ID: <01bb5ef5.4df941c0$051abacc@joeray.ptd.net>
Source record: 199192

Is there any mods for this radio? if so please e-mail me

please i don't need the one for 800

4389. Re: radio mods? Go HERE!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Glenn Faus <gfaus@osi.com>
Message-ID: <31C9D856.2EB8@osi.com>
Source record: 199193

```
Terry in Dallas wrote:
>
> I have been unable to locate the mods for my STANDARD 5718 rig here or
> anywhere else...?
>
> --
>
> Terry
> tjh@netcom.com
> Data/Voice Networking Communications Consultant
> Dallas, Texas
Try:
gopher://hamster.business.uwo.ca:70/11/.mods
--
+=====================================================================+
| "When you reach a fork in the road, take it!" Yogi Berra |
| \\|// |
| "(O-O)" |
|=========================oOO==(_)==OOo============================|
| \_\_ \_\_\_ \_\_\_\_ | Glenn Faus KD6VNR |
| \_ \_ \_ \_ \_ | Systems Administrator |
| \_ \_ \_ \_ \_ | OSI Corporation |
| \_ \_ \_\_\_ \_ | gfaus@osi.com |
| \_ \_ \_ \_ \_ | (916)-353-2400 x2295 |
| \_ \_ \_ \_ \_ | |
| \_\_ \_\_\_ \_\_\_\_ | |
+=====================================================================+
```

4390. 2 meter help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: rcpmd@roanoke.infi.net
Message-ID: <4qcmqn$29g@nw101.infi.net>
Source record: 199194

Help! What do I need to know to get on 2 meters? Have had a General ticket for years but have never been on VHF bands. Whats's the best rig to use on a boat or in a car and what's the best antenna? How do the repeaters work? Thanks for any encouragement you can give me about 2 meters.

4391. Re: Any comments on SGC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Will Flor <willf@rrgroup.com>
Message-ID: <31C9EB9E.3481@rrgroup.com>
Source record: 199195

Chris Dorn wrote:
>
> Hi,
> Came across the SGC webpage, have seen their ad in QST, and am
> wondering about their products. Whenever Hams talk about American made
> amateur products, Ten Tec is the name usually mentioned. I haven't really
> seen any comments on the SGC transceivers. Curious to know if any folks
> out there have had any experiences with SGC. Looks like quality gear.
> Chris VE6RDC

I don't own any SGC gear, but I know several people who do, though
they mainly use them for non-ham stuff. They're good for sideband,
but stink for CW. I've heard one report from a fellow who seems to
have had problems with his, but all other reports I've heard are good,
so perhaps they have a quality control problem. One fellow I know
who has an SGC-2000 is the chief of telecommunications for FEMA, so
he really knows his stuff about reliability, etc. and that's the
rig he chose for his home, bought with his own money.

Hope this helped.

73 de KB9JTT

4392. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31C9E580.3CC6@ccsnet.com>
Source record: 199196
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

James Griffith wrote:

I will be blasted by many, but I have not even looked at this group in a long, long time, but your post did make me want to respond. You should have given them a computer and they would have tore your arm off taking it. They know what it take to live now, and ham radio dose not provide it.
Jim, WA7NDD.

Yes you are correct the very same student who had no use for ham radio would kill for a computer.

The hams here think they really have something in this hobby.
But real people with a life and a thirst for knowledge know better.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4393. Re: For Sale IC-Z1A $350.00

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: "spade@onramp.net" <spade@onramp.net>
Message-ID: <31C9FE3A.549@onramp.net>
Source record: 199197

spade@onramp.net wrote:
>
> I have a two month old IC-Z1a for sale. It has all the bells and
> whistles and works perfectly. It has been Rx/Tx modified. I have a new
> baby coming and I need the money more than the radio right now. I'm in
> Houston Tx. Sale will be for $350.00 + shipping. E-Mail me if you
> have any questions. Danny.

I have dropped the price to $300.00 plus shipping. After thinking
about it (and receiving a few letters) I figured that this would be a
better deal for somone. I will not go lower. Thanks... Danny.

4394. Re: Info on ICOM ICZ1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: "spade@onramp.net" <spade@onramp.net>
Message-ID: <31CA0D63.691B@onramp.net>
Source record: 199198

Ambrosis wrote:
>
> If anyone can point me in the right direction for information about mods
> for the Icom ICZ1A. I would greatly appericate it. I have looked in the
> mod sites I have found on the web but I have had no sucess in locating
> information for this paticular model. Thanks for your help.
>
> J P Slota <ambrosis@intac.com> KB2ZIV

Remove the keypad and battery. Take out the four black screws and the
two bottom silver screws holding the front and rear halves together.
Separate the two halves and locate the small ribbon cable connecting the
two halves. On the front half of the radio where the ribbon cable
attaches, locate a small black rectangular diode (D-215 I was told).
Use a soldering iron to lift the upper (towards the antenna) leg.
Reassemble the two halves and operate (legally of course).

I am not any kind of an expert in radio repair. This modification was
copied by me from a friends radio (that had been performed by someone
extremely knowlegeable) on my radio and has been working flawlessly.
73's to you all. Danny.

4395. ft50r home freqs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <31CA2B53.6680@earthlink.net>
Source record: 199199

the manual and the adams software state you can program two home frequencies. how does one access both frequencies? when i hit function and HM, it only brings up the vhf freq.

any hints??

andy n6xkn

4396. WTB: Med./Heavy Duty Rotator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: alenia@mbox.vol.mt
Message-ID: <4qemc1$o5b@everest.vol.it>
Source record: 199200
Cross-posted to: rec.radio.amateur.equipment,rec.ham-radio.swap,rec.radio.swap

Hi everybody,

First of all thank you for taking time to read my message. My name is Jason and I live on the Island of Malta, in the middle of the Mediterranian Sea. I would be looking for a Meduim or Heavy Duty Rotator, to use with my VHF antennas. I shall be putting up 2 Cushcraft 18 Element Yagis (2M) stacked on top of each other as well as a 4 element beam for 6M and finally a 23 element for 70cm.

I also would like to hear from anybody who has any linears or preamps for the above bands.

Whilst hoping to hear from you soon, I thank you in advance.

73's for now
de Jason
9H5DM

email address is alenia@mbox.vol.it

4397. acars shareware wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: "Paul Giusti (VK3FPG)" <pgiusti@iaccess.com.au>
Message-ID: <31C82052.6DB1@iaccess.com.au>
Source record: 199248
Cross-posted to:
rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.scanner,rec.radio.shortwave

i am wondering if any one out there can point me in the direction
to some acars decoding software and only the software as the hardware
side of things i have under control (hamcomm type similar to lowes)

any help in getting some software will be VERY appreciated and
recipricated in kind.

thanks in advance :-)

paul

4398. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: arden@teleport.com
Message-ID: <4qa68c$ko9@nadine.teleport.com>
Source record: 199249

rogerv@brother.pdev.sco.com (Roger Vortman) wrote:

>So this is an amateur radio newsgroup (rec.radio.amateur.equipment,
>actually) set up to talk about amateur radio equipment. If you're
>not interested in amateur radio equipment, why hang out here at all,
>or direct your posts or followups here?
>
>There are other groups for other subjects, social, political, and economic.
>If you want to talk about that stuff, then go there and talk with people
>that are reading/posting to that newsgroup to talk about that. They know
>a lot more about those subjects, and can give you a much better
>discussion.

>That's the way that usenet is supposed to work, anyway.

>-Roger (KE6GL)

I has only recently come to my attention that these posts have been
redirected (by someone unknown) to this newsgroup. They were
originally posted to rec.radio.amateur.policy which isn't a good fit
but certainly better than this one.

My apologies but the crossposting was NOT done by me.

Arden KI7FG

****
Arden Eby
Internet: arden@teleport.com
Packet Radio: KI7FG@KA7AGH.OR.USA.NA
Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
****

4399. Battery - Tempo S-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Dan_Ringer@wnpb.wvnet.edu
Message-ID: <4qacse$ni2@news.mountain.net>
Source record: 199250

Is there a source for batteries for a Tempo S-1 (mine is the larger battery, but a friend has the smaller (older) version).

K8WV

Darrell (Dan) Ringer Dan_Ringer@wnpb.wvnet.edu
Attorney at Law dringer@access.mountain.net
68 Donley Street Amateur Radio - K8WV
Morgantown, WV 26505 304-292-1999 304-292-3372 (fax)

4400. Re: Mods for Standard 5718

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: wx8l@vtc.tacom.army.mil
Message-ID: <4qadhk$gj6@vtc.tacom.army.mil>
Source record: 199251

In article <tjhDt9u3z.65t@netcom.com>, tjh@netcom.com (Terry in Dallas) wrote:
>I have recently purchased a STANDARD 5718 dual-bander and am searching
>for the MARS... modifications. I would appreciate any help.

1. Remove 4 screws and lift the top cover. (the top cover is the one
with the "TWIN BANDER" imprint.)

2. With the heatsink facing you, locate the vertical circuit board at the
front of the C5718DA

3. Locate the row of three blue chip resistors at the lower right corner of
the vertical circuit board, to the right of the connector labelled "CTD".
Remove the blue chip resistor that is closest to the main circuit board.

4. Replace the cover, and preform the ALL RESET procedure described in the
owners manual. The C5718DA is now configured for wide transmit.

Be nice,
Sean

4401. FS. IC-736, KAM+, 8MEG RAM

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: elang@eser.com
Message-ID: <4qa60v$17i@dot.cstone.net>
Source record: 199252

I have forsale the following:

IC-736 HF/6M rig. Still under factory warranty, Mint condition, Non Smoker, Box manuals etc. $1200.00

KAM Plus TNC Mint condition, box, manuals, etc.. $150.00

8Meg RAM 72 pin module with parity $100.00

If you have any questions I may be reached by phone at (804) 295-0306 or via E-mail at elang@eser.com

Ed - KC4YLX

4402. FT-50r Antenna Upgrade?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: FBUL85A@prodigy.com
Message-ID: <4qagkp$q48@usenetw1.news.prodigy.com>
Source record: 199253

Does anyone have an experience using the FT-50 with an SMA ducky other than the stock Yaesu? I saw a post a few weeks back about an ICOM that was "half the size" that was somehow "better" but there was no explanation given as to why it would be any more effective...

So, can anyone tell me if any other SMA ducky can add to the performance of the rig? HRO suggested the new Comet SMA-3 ($40!!) at 10 inches. Then they added the disclaimer that it might not be any better than the stock antenna!?!?

Also, I think I have figured out a way to swap the normal bandplan back after the 800 restore is done. I'm not certain why anyone would want to do this, except for warranty service... Drop me a line and I'll fill you in. Note that you need the ADMS-1C to do this...

Cheers!
Rob

4403. Re: MOD`s for FT-50r ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: John Smith <jtsmith@mindspring.com>
Message-ID: <01bb5e5c.fc9d73c0$b62779a8@jtsmith.mindspring.com>
Source record: 199254

yup
--
jtsmith@mindspring.com

"Bad times are nothing more than roadkill on the information highway"
Quotes from a Dark Room, by John Smith

> "Casey Romanski (@s914)" <casey@s914.dseg.ti.com> wrote in article
<31BD8CC0.167EB0E7@s914.dseg.ti.com>...
> I'm looking for mod's for the FT-50r. Please e-mail locations or
> mod to casey@s914.dseg.ti.com
>
> Has anyone unblocked the cell freqs on this radio?
>
> Thanks,
> casey
>

4404. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DtA3tG.E82@netcom.com>
Source record: 199255
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <31C618E5.3567@ix.netcom.com>,
KD1YV <jimkd1yv@ix.netcom.com> wrote:
>charles copeland wrote:
>>
>> I recently got my general, and have trying my luck on HF voice
>> using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
>> dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
>> sitting on mag mount on floor with two 30' folded counter poise wires).
>>
>> My luck has been rotten ...
>
>Charles,
>
>First, congratulations on your recent upgrade. What is your callsign?

KB0WOB

>I run from 100 to 150 watts
>and have had phenomenally good luck with it. I use a G5RV that I made
>myself, up at about 45 feet, through an MFJ mobile tuner (300 W rating.)
>
>I rarely have any problem making a contact, and have even broke through my share of
>pileups. I have worked a fair bit of DX, including Antartica, Australia, New Zealand,
>Marshall Islands, and a few African stations, not to mention a ton of Europe, Caribbean
>and South America. And all of this within the last year, at the "bottom" of the sunspot
>cycle. Most of my contacts are on 75 or 20 meters, since my old rig has no WARC bands.
>
>It really sounds like your antenna situation needs to be improved, and it will make all
>of the difference in the world.
>
>73 de Jim, KD1YV

Yes, I've gotten a tremendous amount of e-mail (30!) on this and all agree
that 100 watts is sufficient. All replies have focused on my antenna ...
or lack of an adequate antenna.

Thanks to all who replied! Its good to know that is hope at 100 watts.

I'll have to work in this, as it is quit hard being on the first floor
and surrounded by neighbors on all sides and above. When my lease is
up, I'll have to do some serious prospecting on a more suitable apartment.

4405. Re: Need CAP/MARS mod for ft-50r

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: John Smith <jtsmith@mindspring.com>
Message-ID: <01bb5e5d.49f9d5a0$b62779a8@jtsmith.mindspring.com>
Source record: 199256

remove the keypad
look on the circuit board you will see 3 pad areas in a row
the left hand one has a solder bridge on it
remove the solder bridge
works every, be careful
John
--
jtsmith@mindspring.com

"Bad times are nothing more than roadkill on the information highway"
Quotes from a Dark Room, by John Smith

> swithrow@nyx.cs.du.edu (Skip Withrow) wrote in article
<4ovd80$fg6@nyx.cs.du.edu>...
>
> I am in need of information on opening up the ft-50r for xmt
> on CAP/MARS. Can anyone help with this one? Is it a keyboard
> function or jumpers/diodes inside for this radio?
>
> Thanks in davance for your help.
>
> Skip Withrow - WB0BBE
> ah441@freenet.uchsc.edu
>
>

4406. Re: FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: John Smith <jtsmith@mindspring.com>
Message-ID: <01bb5e5d.cfce64c0$b62779a8@jtsmith.mindspring.com>
Source record: 199257

save the current radio config as euro.rdf
then reload it
800 megs is blocked again and the full US amateur bands
are restored.
If you are ingenious you can remove the solder bridge behind
the key pad (left hand most and only solder bridge on the board)
and it will open up the full xmit. Then restore the wideband euro
settings and cellular coverage is restored....
--
jtsmith@mindspring.com

"Bad times are nothing more than roadkill on the information highway"
Quotes from a Dark Room, by John Smith

> gottria@earthlink.net wrote in article <31C8BF89.72C0@earthlink.net>...
> I got the Adms softwear and cable from RT Systems and put the radio into
the
> European mode. Everthing works great. But how do you get it back into
the American
> mode??? I tried the full CPU reset as described in the back of the
manuel and
> everthing I could think of and no luck. I did discover how to screw up
the squelch
> setting for the VHF side, lucky I wrote down the settings first.
> --
>
>
>
> Greg Ottria, KE6PTP
> San Leandro, California
> E-Mail: gottria@earthlink.net
> 1996 Sea Doo GTX
>

4407. Full Coverage Cell

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: glen@speedline.ca
Message-ID: <6137cc$173332.27@news.speedline.ca>
Source record: 199258

Do you Americans know that you can get full cell coverage scanners from Canada. Last week I went to my local store (Durham Radio) and they have all kinds of goodies.

They still have the Radio Shack PRO-43's, as well as current models of AOR and Yupiteru (I think that's the way they spell it). All with full cell coverage. The salesman said that they sell into the USA all the time.

They've got a cool looking web site too. Their scanner page is http://www.durhamradio.ca/scanners.htm

I found them when looking for Ramsey kits. I run a pirate radio page and have a lot of people asking about the Ramsey transmitters.

If you are interested in pirate radio please visit my page at http://206.130.20.1:80/~glen/

Glen
glen@speedline.ca

4408. Re: Q: USING KPC3/GPS for tracking .....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <4qahjs$lmf@sloth.swcp.com>
Source record: 199259

MAAR13@dial.pipex.com (ANDY AT HERNE BAY) wrote:

>--
>- -----
>Subject: Question: INFO WANTED ON USING KPC3/GPS.....................
> To: uk.radio.amateur
> Amateur
>HI, I am looking to use a KPC3 with a GPS system for auto location via
>radio. I
>have contacted various retailers, and am waiting replies....I wondered
>if
>anybody has an first hand experience regarding the fors and againsts...

>Thanking you all in anticipation,,,,,

Buy the Garmin 45. Look up "Garmin" in the Alta-Vista search engine.
IT IS THE BEST! I have one and swear by it!
73,
Brian, N5ZGT

Boy Scouts of America Amateur Radio - N5ZGT
JASM -Troop 41 ARRL QRP: NorCal# 1700
Albuquerque, N.M. Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com

4409. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseDtA7MJ.9s1@netcom.com>
Source record: 199260
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Using a TS520S HF rig on 10 meters (about 50W as measured by a Heathkit power meter) I made contacts from New Jersey to places like Estonia, ex-Yugoslavia, France, Vennesulvia(sp!), and such. A few years ago when the sunspots were good. The above distances are about 1/6 of the Earth's circumfrence.

Used a vertical planted in the back yard.

4410. FT736R Mystery Choke

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Guy Fletcher <guy@mpce.mq.edu.au>
Message-ID: <31C9D468.34A1@mpce.mq.edu.au>
Source record: 199261

Under the top cover of the FT736R, in the back left-hand corner, just to the right of and below a fuse board, is a brown toroidal AF choke with one end wired to a stand-off tag. It is wired directly in series with the main DC line to the 144MHz and 432MHz PA units, and probably also in series with the 2 optional PA units. It is similar, possibly identical, to the choke L801 in the REG Unit (see Connection Diagram, bottom left corner), but it is NOT this choke.

The inclusion of an undecoupled AF choke in series with the main power lead to a linear amplifier is a VERY STRANGE practice, even unprecedented. Why is it there?

Naturally it has no effect in FM mode, but its effect is dramatic on SSB. A voltmeter on the downstream side of this choke shows little effect, but a CRO shows that the DC line varies by about +/- 4 volts with each audio cycle. This dramatically lowers the PA gain.

If you decouple the choke properly, the gain rises so much that the MIC gain must be turned right down, making the speech processor inoperative!

This mystery choke does NOT appear on the circuit diagram or parts list. Did Yaesu fit it to mask some other instability problem? It has all the appearances of a last-minute factory cludge, rather than addressing the original problem it masks.

Any contributions from other owners would be welcome.

Guy VK2BBF guy@mpce.mq.edu.au

4411. FT-708 QUESTOIn

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-20 00:00:00 UTC
From: Aubrey Hawkins <aubreyh@why.net>
Message-ID: <31C91F5D.77DF@why.net>
Source record: 199262

Anyone know anything good or bad about the FT-708?

ANyone know the freq specs?

Any interesting MODS that can be done?

Thanks

4412. Wanted Mod's for IC2410

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Wes Atchison <wes@iphase.com>
Message-ID: <4qebml$r4e@que.iphase.com>
Source record: 198913

A friend is looking for modifications to his IC 2410 to expand
received coverage. IF you can help you can just email me
and I will relay the information

Wes
WA5TKU

4413. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: hrt@netlink.co.uk
Message-ID: <4qebnn$e7u@zeus.tcp.co.uk>
Source record: 198914
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

Simon Lewis <slewis@pacsat.demon.co.uk> wrote:

>How about HRT doing the decent thing and releasing the mod on the net as
>well as a 'forthcoming issue'??

>Surely this would increase activity on the most under used UK amateur
>band ever!

>What say you Chris??

The mod will undoudtedly be placed onto the Internet in due course by the HRT Editor, in the same way as my earlier ex-PMR conversions articles on the MX294 and MX296 (plus a lot more, including complete earlier issues of the magazine) are on the Internet on the HRT Web site, for all to freely read and hopefully enjoy.

But this will be some time (typically at least 12 months) after being published in the mag. This is because we live in a real world where a publishing organisation (such as Nexus who produce Ham Radio Today) usually have to pay people, (including Simon, who's written and has had published some fine articles in the mag) for the articles which they themselves spend time and money in preparing.

Thus, it's not a case of doing the 'decent;' thing, as many people, including my wife and I, need to do work like this to allow them to eat, be clothed and sheltered, and to provide the same for their dependant family. But if such work benefits amateur radio, through the outlet of the magazine and the associated Web site, then it's even better as far as I'm concerned, it all helps the hobby.

73, Chris G4HCL

4414. Re: Info Needed: Mods for Alinco DJ-F1 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4qec7f$a4b@mksrv1.dseg.ti.com>
Source record: 198915

In article <DtAqpL.LGF@eskimo.com>, rmwatson@eskimo.com says...
>
>I think the manual says after the RX modification, that I should be able
>to receive from 118Mc-136Mc, BUT I am at this time only to receive from
>130Mc up to 173.995Mc. Is there a reason for this, or possibly the
>modification was performed on the TX only, and not on the RX. Further
>examination may be in order.
>

To get the DJ-F1T into AM receive mode, go to VFO mode and press the
"B" key on the keypad. You can then enter an air band frequency, set
up scanning, store memories, etc. If you store an air band freq in a
memory, the set will automatically switch modes as you scroll through
the memories. To return to FM receive mode, press "B" again. There
is no capability to transmit on the air band in either mode.
73 de KC5NG (very satisfied DJ-F1T/HP owner)

4415. FS: TNC, MFJ 1278B MultiMode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: vannuysd@sonoma.edu
Message-ID: <vannuysd-2106960744330001@xyp6_port5.sonoma.edu>
Source record: 198916
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Like new! Lo-miles MFJ 1278B multimode TNC with multi-gray level modem.
Includes manuals and software (Mac and IBM). $180 plus shipping.

David

--
David Van Nuys, Ph. D. http://www.sonoma.edu/psychology
Chair, Psychology Dept. ham radio callsign: AB6XR
Sonoma State University voice/fax (707) 585-7363
vannuysd@sonoma.edu

4416. Wanted....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Horn@mint.NET
Message-ID: <199606211546.LAA29589@mint.mint.net>
Source record: 198917

I am looking for a GAP "Challenger DX" vertical antenna, 80 - 2 meters, in reasonably good shape. Also want to find a nice, used IC-2000 H 2M transceiver, too. Please E-Mail at n1umf@mint.net TNX!

4417. Re: REQ: Any advice on TNCs to buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: vjkunesjr@fingerlake3.com
Message-ID: <31ca9055.0@news3.paonline.com>
Source record: 198918

I am kind of partial to MFJ. Although I don't have their TNC, I have other equipment of theirs and have been very satisfied with equipment and service. I have an AEA PK12 that has had nothing but problems from day one (it arrived doa). I am still having problems with it a year later, and am about to give it the burial it deserves. I cannot and will not recommend AEA! Try MFJ.... I think you'll like it. Good luck. 73 de N2YZS

4418. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: byrnes@fc.hp.com
Message-ID: <4qegtm$qn9@fcnews.fc.hp.com>
Source record: 198919
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher (k1oik@ccsnet.com) wrote:
>
> I can't even give it away.
>

I bet your (ex-) wife is.

KB0UNC

4419. Mods for Kenwood TM-241A???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: tadunlap@centuryinter.net
Message-ID: <4qei8a$neq@news.pc.centuryinter.net>
Source record: 198920

I'm looking for a modification for the Kenwood TM-241A 2M mobile that will open up the TX range. I'm looking to use this radio also on fire department frequencies. Any help would be great. Please e-mail me with any info if you have it. Thanks.

Todd Dunlap
tadunlap@centuryinter.net

4420. Whats going on with TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DtCxtK.992@iglou.com>
Source record: 198921

I see lots of TS-870's for sale for less than $2,200 OBO etc. I understand the dealers can't move them either. Does anybody know why? How about one of you previous owners telling us the rest of the story.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4421. Re: ICOM IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: dstites@atnet.net
Message-ID: <4qeopg$382@news.atnet.net>
Source record: 198922

rick_smith@vnet.ibm.com wrote:

>Has there been a ham radio magazine review of the IC 706? I'm interested in reading
>more about it. Thanks.

>73
>Rick

CQ-VHF reviewed it. They liked it.

73

David Stites, KD7ACU
dstites@atnet.net
Moses Lake, WA USA

4422. Re: Q: USING KPC3/GPS for tracking .....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: MAAR13@dial.pipex.com
Message-ID: <4qenvd$1gq@tube.news.pipex.net>
Source record: 198923

>> Buy the Garmin 45. Look up "Garmin" in the Alta-Vista search engine.
IT IS THE BEST! I have one and swear by it!
73,
Brian, N5ZGT <<

To late, i have bought a Magellan Meridian XL...

I know, not the best, but it was "the right price".

If i really get into it, i shall shop around later. A uk company, Maplin Electronics, do a developement kit using a Motorola Oncore rx unit, very small and compact (no display etc, about the size of a cigarette packet). Might look into using one of those as i neeed compact size.The "target" that we wish to track is very small, and quite jumpy...

Thanks for your reply..
Andy...

--

Please reply via the newsgroup, or Email direct.

maar13@dial.pipex.com or direct to University .

AJR9@UKC.AC.UK Callsign G6MRI.

University of Kent. England.

From Andy, Herne Bay Kent England.

Cheers, keep your end up........

4423. Re: REQ: Any advice on TNCs to buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4qeqr7$rnf@news.service.uci.edu>
Source record: 198924

In article <4qa1eo$r6o@izzy4.izzy.net>, pgc@izzy.net says...

>Hi. I have thoughts of becomming involved in packet radio and would
>like some advice on some TNC's that might serve my purpose. I am
>looking for something for 2-meters and just want to explore around a
>bit. I dont want to put too much money into this. I have been
>looking at the Kantronics KPC-3 or the MFJ 1270C. Any advice on
>these or other models would be much appreciated. Also, any
>helps on getting involved in packet radio would be welcome.
>Thanks.

I have both a KPC3 and a Baycom unit (built from a kit). The baycom
requires a computer to be on to function and the KPC3 can work without a
terminal or computer until the buffer fills up. My quick point is that you
will be happy with a variety of products if I does what you want it to do.
That statement out of the way, I've been happy with both, but MY
recommendation to you is to borrow a TNC from a ham friend and try out a
couple for a month (need a bit of time to evaluate the unit and software).
Just realize that you will be evaluating both the hardware and software (ie
the PAKTERM software that comes with the KPC3 is awful, but there is great
shareware for it that inexpensively makes operation a joy).

Good luck
N6ZAU

4424. WANTED STANDARD MINI HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Zan Bible <zontor@en.com>
Message-ID: <01bb5fa1.1e077840$9b0b4ecf@en.en.com>
Source record: 198925

Looking for Standard mini pocket HT dual band and any access. Thanks
N8PDX zontor@en.com

4425. Does any one have a BASIS 108 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: billr@pinsight.com
Message-ID: <4qev6n$a0v@jolt.pagesat.net>
Source record: 198926

I have a couple of BASIS 108'S and would like to communicate with some one who has or has had one.

Thanks, Bill

4426. Help! Hallicrafters S-200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: gbelton@mailhost.tcs.tulane.edu
Message-ID: <DtCxxr.A2w@online.tmx.com.au>
Source record: 198927
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

I recently found a Hallicrafters S-200 receiver at the Salvation Army store, priced at $12.50 so naturally I bought it. It's an AM-only receiver for the shortwave broadcasting bands. It uses 4 tubes and appears to have been manufactured in the 1960's.

It has two minor problems:

1 - a fairly loud hum that does not respond to the volume control. I could live with this, but I suspect it may be related to problem 2.

2 - a very harsh, raspy quality to the audio. It sounds sort of like what you hear when a SSB receiver is set just a bit off frequency, or like very rapid picket-fencing on FM.

If anyone has a schematic for this radio, I will gladly pay copying and postage costs. Any advice on what may be causing the above problems would be greatly appreciated.

4427. FS: IC-2GXAT Icom 2m *BRAND NEW IN BOX*

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: jeff@lek2000.com
Message-ID: <4qerjo$r7a@news.multiverse.com>
Source record: 198928
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.misc,cle.forsale,misc.forsale,oh.forsale

I have for sale the following HT:

Icom IC-2GXAT 2 Meter

To see this radio, check out the web site at:

http://www.icomamerica.com/amateur/2mhh/#IC-2GXAT

IC-2GXAT

Dimensions: 2.2 (W), 4.9 (H), 1.4 (D), 12.9 oz
2 M
7 W @ 13.5 V DC
40 Memory Channels
700 mAh Battery
Auto Repeater Operation
Tone Scan
DTMF Redial, Memories
350 mW Audio
Selectable DTMFSpeed
Built-in PL Encode/Decode
35 mA Current Drain

Basically this radio is brand new, and comes with everything the stock version does. It is literatly in the box, and has been used for about twenty minutes due to curiosity. Its a very nice radio, especially in audio quality.

Reason(s) for selling:

- I won the radio at a local Hamfest less then a week ago.
- I already own a HT which I'm happy with.
- I would be unlikely to use this radio to its full potential.
- I would rather use the $$ generated from this radio to purchase a Kenwood or Standard tri-band mobile.

Asking price:

I'd like $225, plus shipping, handling, and any desired insurance methods. If this is beyond your budget, yet you would like to purchase the radio anyway, please feel free to make an offer. Any $$ raised from the sale of this radio is going to be used towards the purchase of my new mobile (which i'm already paying for anyway).

To contact me:
Send email to jeff@lek.net of feel free to call my voice mail @ 216-552-4368

-Jeff
N8YNR

4428. Re: Want:To convert Swan 500 to 700 Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Dave Edwards <ham@cybercomm.net>
Message-ID: <4qejdd$vv7@crow.cybercomm.net>
Source record: 198929

Hey Doc.. Ihave a Swan 700CX. I was thinking of converting to the
500. The 700 uses a type 8950 tube. If you can find them, they are
about $50.00 each. The tubes were only made for a short period. If you
need info on Swan, The guru is Stu K4BOV. He knows every detail
about Swan rigs, and a real nice guy. Try 14.251 Wed evenings at
7 eastern, Or if you want me to relay a message to him, let me
know and I would be more than happy to. 73..Dave

4429. KDK repairs?????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Dave Edwards <ham@cybercomm.net>
Message-ID: <4qejkd$vv7@crow.cybercomm.net>
Source record: 198930

Well the meter light in my KDK rig finally blew. I soldered in
a small one with a 33 ohm dropping resistor, but does anyone know
of repair parts for KDK? Are they still in business?? Tnx..73...
Dave

4430. Homebrew Microwave Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Nathan Odle <c670064@showme.missouri.edu>
Message-ID: <31CB21C0.16CE@showme.missouri.edu>
Source record: 198931
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

Does anyone know of any kits/plans/directions for the construction of microwave gear? I'd like to start out with a simple wideband voice link using a horn and dish, and progress to maybe a 10GHz data link. I have seen the project in the 1994 ARRL Handbook, and think it might be a little too complicated to start with. Any help along these lines will be GREATLY appreciated.

4431. Re: Any comments on SGC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: leigh@rain.org
Message-ID: <4qfbaq$sa5@news.rain.org>
Source record: 198932

Will Flor (willf@rrgroup.com) wrote:
: I don't own any SGC gear, but I know several people who do, though
: they mainly use them for non-ham stuff. They're good for sideband,
: but stink for CW. I've heard one report from a fellow who seems to
^^^^^ ^^^ ^^
I remember seeing a SGC ad that stated that their HF rig used
tone-modulated CW, which is probably why the CW performance is supposed to
be poor. Once I used a PK-232 multi-mode TNC to send tone modulated CW in
LSB, and was told it sounded bad, so I suspect tone-modulated CW will
never sound as good as true A1A CW.

--Leigh Marrin/KM6JE in Santa Barbara.

4432. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun21.180207.16453@ke4zv.atl.ga.us>
Source record: 198933
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <4qbibl$5d6@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>griffithj@ricks.edu (James Griffith) wrote:
>
>> They know what it take to live now, and ham radio dose not provide
>>it.
>> Jim, WA7NDD.
>
>Jim, does bowling, or stamp collecting, or bird watching, or water
>skiing provide a living for the people who engage in those activities?
>Where did you get the idea that ham radio was or is a career move ?
>Last time I looked, it was a hobby.
>
>73, Jim KH2D

This does seem to be one of the major problems of the amateur radio service today, too many people can't tell the difference between it and stamp collecting or bird watching or water sking. To these benighted souls, it is "just a hobby", of no value to their nation or themselves beyond a simple passtime.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4433. Re: FT2400/7400 Backlight Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <31cb253b.30024806@164.119.101.2>
Source record: 198934

On 19 Jun 1996 15:34:55 GMT, ernurse@ix.netcom.com(Brian David Millan) wrote:

> What now happens with my radio is this: When brought into a dark
> environment, the backlighting display dims down to *NO* light at all,
> so the display can't be seen at all in the dark. Now I also have an
> FT2400 right next to the 7400. The 2 displays are identical in
> brightness in the light so I don't think any bulbs are burned out or
> missing.

If you find out what they did, let me know. I have tape over both of mine to keep the bulbs as low as they will go. They are still too bright at night, and plenty bright during the day.

Gary

4434. Government's Grab on m3/4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Roger_Cravens@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960621_180300_72d2eb03@fidonet.org>
Source record: 198935

(Continued from previous message)

This is the first time in memory that another service has been proposed for the two-meter amateur band. We must make sure it is also the last time.

We do not need to explain to ARRL members the extensive use that is made of these bands by amateurs. The two bands provide the backbone of our local public service communications effort. Voice and data, mobile and fixed, even television--the list of present amateur uses is a long one, and of future uses is even longer. Both are already used for satellite services and for moonbounce and extended-range terrestrial operations requiring extremely sensitive receivers and high levels of effective radiated power.

Apparently we did need to explain all this to the little LEO industry representatives, so we did just that--both at the meeting and in a followup letter on May 15. We also explained that we had to regard the matter as extremely serious. No one with the slightest background in radiocommunication could possibly believe that a mobile-satellite service could be introduced into either band without disrupting existing and future amateur operations. Therefore, we said, if we did not receive assurance that they would be taken off the list of candidate bands by the deadline for this issue of QST, we would have no choice but to bring the matter to the attention of the entire membership.

The response we received was unsatisfactory. In effect, we were told the little LEO industry would consider our views but that until their spectrum needs are satisfied, all bands must remain under consideration.

So, this is a call to action. We must get across to the industry and government participants in IWG-2A that the 144-148 MHz and 420-450 MHz bands cannot be considered as candidates for mobile-satellite services. We need to drive the point home so forcefully, with so many grassroots responses, that no one is ever tempted to try this again.

Which brings us back to that invitation for "interested parties" to send input "at any time." There's no time like the present! According to the Commission's new procedures, comments by e-mail should be sent to: wrc97@fcc.gov. Written comments, with an original plus one copy, should be sent to: Office of the Secretary, Federal Communications Commission, Washington, D.C. 20554. Each comment should include at the top, "Reference No. ISP-96-005" and "Advisory Committee Informal Working Group 2A." FCC staff assures us that comments will be given prompt consideration, and asks that parties refrain from filing comments in accordance with previous instructions.

Do comment. But be civil. Don't abuse people who are simply doing their jobs. We have to get across that casting covetous eyes on amateur bands is counterproductive, and contrary to the public interest. To accomplish this we need a lot of comments, including yours. But remember that the objective is to educate and persuade, not to intimidate. We don't need to. The facts are on our side.
==========
For the latest news on this particular issue, check the ARRL Home page at www.arrl.org and click on "Band Threat News."

Then write. Right now!

David Sumner, K1ZZ
==========
FCC Public Notice:

Procedures for Submitting Comments to the WRC-97 Advisory Committee

June 6, 1996

On March 14, 1996, the Commission released Public Notice (No. 61997) (Streamlining Notice), that announced its new streamlined World Radiocommunication Conference (WRC) preparatory process.

Under this new process, formal Notice of Inquiry (NOI) proceedings are eliminated in favor of developing WRC proposals in the Commission's WRC-97 Advisory Committee. This removes the redundancy that was inherent in our previous "NOI-WRC Advisory Committee" process and enables the United States to respond more effectively to the rapidly evolving international environment and to the ITU's new two-year WRC schedule.

The Streamlining Notice included general guidelines for submission of public comments to the Advisory Committee. The Notice stated that procedures would be developed to ensure that members of the public continue to have full opportunity to participate in the development of WRC proposals under the new streamlined process, including those parties who do not attend meetings of the Advisory Committee and IWGs.

Since the release of the Streamlining Notice, we have gained experience with our new process. We now provide these procedures for submitting comments to the Advisory Committee.

Comments on Ongoing Advisory Committee Matters: Parties that wish to comment on the ongoing deliberations of the Advisory Committee and its IWGs may do so at any time.

Comments on Preliminary Proposals: As announced in the Streamlining Notice, preliminary WRC proposals developed by the Advisory Committee

(Continued to next message)
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o QMPro 1.52 o In God we trust, all others we monitor!

4435. Government's Grab on m4/4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Roger_Cravens@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960621_180300_779dfd86@fidonet.org>
Source record: 198936

(Continued from previous message)

will be released by the Commission in periodic Public Notices. These Public Notices will allow an opportunity for public comment and will provide the appropriate procedures, such as filing deadlines, to be followed.

In either case, parties wishing their comments to be considered directly by the appropriate Advisory Committee group and to become part of the Advisory Committee's public record should submit their comments in writing to Office of the Secretary, Federal Communications Commission, Washington, D.C. 20554, or by e-mail at wrc97@fcc.gov. Commenters are requested to file an original plus one copy.

The comment should reference the Advisory Committee public record file number, "Reference No. ISP-96-005" and the appropriate Advisory Committee Informal Working Group, if known, in which their submission should be considered. The FCC staff will ensure that comments filed are considered in the appropriate groups.

For the most expeditious and efficient consideration of their comments, parties should refrain from filing comments directly with the Chair of the WRC-97 Advisory Committee, with the Chairs and Vice-Chairs of the Informal Working Groups, with individual FCC staff members or private sector participants in the Advisory Committee process.

For additional information, contact Cecily C. Holiday, Federal Officer of the WRC-97 Advisory Committee, or Damon C. Ladson, Alternate Federal Officer at (202) 418-0749, or consult the WRC-97 Homepage on the Internet http://www.fcc.gov/ib/wrc97/.
***
o QMPro 1.52 o In God we trust, all others we monitor!

4436. WTB: KPC-4 or KPC-2 Kantronics TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: randy@atc.ameritel.net
Message-ID: <6157cc$e2629.2d@NEWS>
Source record: 198937

I'm looking to buy a Kantronics KPC-4 ....please Email me at
randy@ameritel.mail.net

Thanks for your time.

4437. FT-50R: charging options???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: wx8l@vtc.tacom.army.mil
Message-ID: <4qfait$t72@vtc.tacom.army.mil>
Source record: 198938

Hello all, I recently purchased a Yeasu FT-50R and would like to get
a TRICKLE charger that can charge the batteries off the radio.

W&W associates sells a "MasterCharger IIa" that appears to fill the bill.

Anyone have any experience with this product?
Are there any other options? Mr. NiCad, Alexander, etc.?

Thanks,
Sean

4438. help with making a clock

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: RHASKE41@MAINE.MAINE.EDU
Message-ID: <96173.200447RHASKE41@MAINE.MAINE.EDU>
Source record: 198939

Hi. I'm looking for some help with a project. I'm trying to build a clock, and am looking for plans and a schematic for a 6-digit digital clock. I'd like to use standard 7-segment led units for the display, and include an alarm if possible. If anyone out there has any info I might be able to use, or any idea of where I might look for some, I'd appreciate it. Thanks!

Ryan Haskell
RHASKE41@maine.maine.edu

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

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4439. Government's Grab on m1/4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Roger_Cravens@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960621_180300_71563f6d@fidonet.org>
Source record: 198940

OK folks, I'm very late on this, but when QST magazine came out with the notice that NTIA and the FCC were trying another highjacking of bandwidth, I went and got the info, then received permission to post it all over as far and wide as I could. So I am.

This is NOT just for the US, it also involves Canada because the Canadian government wants to do the same thing in concert with the U.S. So HEY CANADA - YOU ALL LISTENING UP THERE?

The FCC ripped of part of the 200mHz area from the amateur radio community and gave it to an overnight delivery service. They have YET to use that frequency area. Then congress thought it was just be a real neat idea to rip off the 800mHz cell phone area and were bought off by the mega-buck cell phone companies.

Well guys and gals, they were not through. Here is a reprint (with ARRL/QST permission) of the article.

Whether you like me or hate me is immaterial here. The facts are this affects us all equally. Amateurs, scanner nuts, shortwave, etc. This continued rip-off by the FCC (and Canada) will not end until no citizen has access to the bands.

Please, I urge you all to print this out, read it carefully, then do what ARRL requests. Then, if I may impose, please re-post the message below WITHOUT changes to everyone you happen to know who's an amateur or has 1 to ???? scanners they listen to.

Again, this affects us all, U.S. and Canada, too.

Roger Cravens
KE4YQZ

After I wrote to them, I also provided a copy of my correspondence to my Congressional representative and senator. It would probably be an excellent idea to do the same.

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All of the volunteers and staff at given blanket permission to reproduce from the July, 1996, issue of QST.

Steve Mendelsohn, WA2DHF, 1st Vice President, ARRL

ARRL Web: Threat to 2 Meters, 70 Centimeters

Radio Amateurs Mobilize
Against Threat to 2 Meters, 70 Centimeters

Newington, June 6: Amateurs' comments are making an impact! FCC changes procedures to handle deluge. Committee chairman asks ARRL, "end this campaign." ARRL responds, "you have been misinformed," urges continued member participation.

In just one week, more than 1000 comments from amateurs opposing commercial exploitation of the 2m and 70 cm bands have been received at the FCC! In a June 5 letter to ARRL Executive Vice President David Sumner, K1ZZ, FCC's Cecily Holiday confirmed that "all written and electronic comments received at the Commission to date by Amateur Radio operators have been included as part of the public record on WRC-97 proceedings. However, in the interest of efficiency, we have created a designated FCC office and e-mail site to channel future WRC-97 comments directly to the WRC-97 Committee Chairs."

An FCC Public Notice dated June 6 outlines the new procedures.

Also on June 5, FCC Industry Advisory Committee Chairman Scott Blake Harris wrote to Sumner to object to the ARRL's "tactic" Sumner replied the same day, "As you have been misinformed with respect to the League's activities, I am pleased to have this opportunity to set the record straight." We have honored his specific request "that ARRL ask its members to stop the e-mail/fax deluge directed at private sector members." However, "we reserve the right to report in the future on the actions of any participant in the WRC-97 preparatory process. Furthermore, we will continue to urge our members to monitor the process closely, and to participate as required to protect the interests of the Amateur and Amateur-Satellite Services." The complete texts of both letters are available on this Web site.

The presses had not yet rolled out page 9 of July QST, so the editorial planned for that issue has been revised to reflect the new FCC procedures.

Check this (www.arrl.com) site often for further developments.

Newington, May 29: The American Radio Relay League is asking radio amateurs across the United States to help defeat a threat to the two most heavily used amateur VHF and UHF bands.

An industry working group (known as IWG-2A) that is preparing draft US proposals for the 1997 World Radiocommunication Conference has before it a list of "candidate bands" for low-earth orbit mobile satellites ("little LEOs") that includes, among a number of others suggested for consideration, the 144 and 420 MHz bands. Little LEOs are intended

(Continued to next message)
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o QMPro 1.52 o In God we trust, all others we monitor!

4440. Government's Grab on m2/4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Roger_Cravens@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960621_180300_73108134@fidonet.org>
Source record: 198941
Body handling: HTML body converted to readable text

(Continued from previous message)

mainly to offer commercial paging and other low-data-rate messaging services. The list of candidate bands was submitted by little LEO industry representatives at a meeting of IWG-2A on May 7. ARRL Technical Relations Manager Paul Rinaldo, W4RI, was present and objected strongly to the inclusion of these two bands. He was told that objections should be submitted in written comments, and the ARRL did so on May 15. At the same time the ARRL advised the industry participants in IWG-2A along with its chairman, Warren Richards of the Department of State, that if we did not receive assurance that the bands would be dropped from the list of candidate bands we would have no choice but to advise members in July QST that the bands were under threat. No such assurances were forthcoming. Instead, we were told that as long as little LEO allocations requirements remained unsatisfied, everything had to remain on the table.

This response was not acceptable. Accordingly, when July QST went to the printer on Tuesday, May 28, it included the following editorial. The editorial speaks for itself, but it is worth emphasizing that there is no reason for panic. What we are dealing with is an ill-considered industry effort that is in its early stages; there is no reason to believe there is any government support for any move against these two amateur bands. Our mission is to quash the idea before it goes any further. An outpouring of thoughtful comment by amateurs, explaining why the public interest would not be served by the introduction of commercial services into these bands, will go a long way toward ensuring the desired outcome.

The editorial can be reprinted in its entirety with the credit line, "Reprinted with permission from July 1996 QST." You can download and view this column as the Adobe Portable Document Format file "/files/qst/2m70cm.pdf" (20,418 bytes), also available via FTP at ftp://ftp.arrl.org/pub/qst/2m70cm.pdf. (You'll need Adobe Acrobat 2.1 or higher to view or print this file.)

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It Seems to Us, July 1996 QST (Revised):

Write Now!

Get out a pen and paper, or boot up your computer. There's work to be done! Your help is needed to defend two meters and 70 cm. Yes, that's right--the two most popular and most crowded amateur VHF/UHF bands! But don't panic, and don't "go ballistic."

Here's what's happening, and what you can do about it.

The United States is preparing for the 1997 ITU World Radiocommunication Conference, WRC-97. In the past, the public has been able to participate in the preparations for such conferences by responding to FCC Notices of Inquiry. In March, the FCC announced a streamlining of its International Bureau's preparatory processes for WRCs. Under the new scheme, the NOIs have been eliminated in favor of increased emphasis on WRC Advisory Committees.

For WRC-97, a series of Informal Working Groups (IWGs) of the Advisory Committee has been created to address specific agenda items. The output of each IWG will go directly to a joint FCC-NTIA-Department of State Steering Committee of the Advisory Committee. There, draft proposals as received from the IWGs will be reviewed and forwarded to the FCC for possible release as preliminary US proposals for public comment.

In announcing the streamlined WRC preparatory process, the FCC tried to reassure those who might be concerned about reduced opportunities for public participation: "Interested parties should note that input to the Advisory Committee may be sent at any time...."

A pre-press version of this editorial, circulated far and wide by e-mail and packet radio, caused so much input to be generated--more than 1,000 comments in less than a week--that the FCC had to modify its procedures to cope with the deluge!

Hold that thought while we shift gears to the substance of the issue.

One of the WRC-97 agenda items includes consideration of possible additional frequency allocations for the mobile-satellite service. So-called "little LEOs," low-earth orbit satellites below 1 GHz, already have allocations. Their proponents claim these are inadequate and are trying for more. The needs of little LEOs are being addressed in IWG-2A, chaired by Warren Richards of the Department of State. The ARRL technical relations staff participates in IWG-2A to represent Amateur Radio interests.

At the May 7 IWG-2A meeting, an industry representative presented a list of "candidate bands" for little LEOs. The list included a number of bands that would negatively impact existing services, and does not include others that would appear to be technically more feasible but to which strong objection from incumbents could be expected--the point being that some political, rather than purely technical, judgment already has influenced the list.

We have asked for, but to date have been given no explanation of why some bands were included and not others.

Incredibly, 144-148 and 420-450 MHz were included on the list!

(Continued to next message)
***
o QMPro 1.52 o In God we trust, all others we monitor!

4441. Re: ICOM IC-Z1A Recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Joe2ptd <Joeray@ptd.net>
Message-ID: <01bb5fe4.45072920$031abacc@joeray.ptd.net>
Source record: 198942

I have one it's a great handheld june 30 is the end on the 100$ rebate

> david_k@simusa.sim.ORG (David A. Keller) wrote in article
<199606131316.JAA28326@news.interpath.net>...
> Does anyone know of where I can find information about the ICOM
> IC-Z1A? A review article would be very nice. Actually, if anyone
> knows of a web site/search engine where I can find reviews on all
> sorts of HT's, I would really appreciate your telling me.
>
> Or if you have personal/second hand experience with the radio, can
> you tell me what you like/dislike about it? What about
> modifications? What about extended receive?
>
> Thank you in advance.
>
> -- David Keller (david_k@simusa.sim.org)
> -- KF4JDL
> --//
> -- David A. Keller Work: david_k@simusa.org
> -- SIM USA, Inc. 704.587.1462
> -- Box 7900 Home: kellermd@aol.com
> -- Charlotte NC 28241.7900 KF4JDL
> -- By Prayer Since 1893
> --//
>

4442. IC-706 Logbook/Cable Offer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: dteague@csc.com
Message-ID: <4qfj94$9bo@explorer.csc.com>
Source record: 198943

Just thought I'd put in a nice word for Icom re their 706 registration gifts. Got the logbook today with a letter saying that the OPC-581 Separation Cable was back-ordered until September, and a SASE with a check box to request a MB62 Main Unit Mounting Bracket in its place or to continue to wait on the cable.

Since I had already purchased the Cable on my own and didn't have the bracket, I really appreciated this option.

Thanks Icom for 'making it right' after the delay.
--
Cheers 73 de dteague@csc.com "Don't you eat that yellow snow" F Zappa
Guy KG5VT gteague@why.net "Can't melt it down in the rain" L Cohen
<http://www.why.net/home/gteague/gtweb.html> "They're out there" K Kesey

4443. Need Info to get back int the Ham Game

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: gordon.coplein@swsbbs.com
Message-ID: <8C2F52D.035C000A9A.uuout@swsbbs.com>
Source record: 198944

I have had a tech license for a number of years and was active on 2 meters. I have not done much recently because of some physical problems-- I am now disabled.

I have almost new Kenwood TS-820. I live in a house with an attic. I cannot erect an outdoor antenna because of restrictions in the cluster housing development in which I live.

Would like sugesstions on:

What do I need in addition to my TS-82o in order to get going ?

What type of antenna would be the best?

I assume I will need an antenna tuner. Any suggestions ?

What else would I need ? Since I have difficulty in doing anything physical, I would like as much trouble-fre, low (preferably zero) effort stuff as possible.

I would like to do some DX voice.

I do plan to beef up my code for general class,

Many thanks for any opinion.

gordon.coplein@swsbbs.com

WB2FGU now residing in 4-land

4444. 432 pwr meter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: mitchell@scoot.netis.com
Message-ID: <DtCzD1.E2o@scoot.netis.com>
Source record: 198945

I have a 432 power meter available if someone is interested. There is no power sensor. Unit was being discarded by company in large housekeeping project. condition unknown. . Meter is clean and not scratched, dented and such.

Make offer.

4445. Manual for TS-430S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: asken@primenet.com
Message-ID: <31cb7525.1931820@news.primenet.com>
Source record: 198946

Does anyone have a spare manual for the Kenwood TS-430S or
know where I can get one. Any help would be appreciated.
THanks.
KEN-WB7NEX

4446. Re: KDK repairs?????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31CB8963.232C@accessnv.com>
Source record: 198947

Dave Edwards wrote: ... <snip>
> does anyone know
> of repair parts for KDK? Are they still in business?? Tnx..73...
> Dave

Dave, if you look in the classified ads in QST, you will find a couple companies in the Southeast part of the US that still repair KDK equipment (former employees of the former importer of the former KDK ;-)) ...
Good luck in your search!

73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4447. Re: Q: USING KPC3/GPS for tracking .....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31CB8A22.6C32@accessnv.com>
Source record: 198948

ANDY AT HERNE BAY,KENT,UK. wrote:
>
> >> Buy the Garmin 45. Look up "Garmin" in the Alta-Vista search engine.
> IT IS THE BEST! I have one and swear by it!
> 73,
> Brian, N5ZGT <<
>
> To late, i have bought a Magellan Meridian XL...
>

The MeridianXL should work "just fine" for APRS ... it comes with the Data Cable that you need ... hook it up and go, and ...

Good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4448. Re: help with making a clock

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31CB8C32.1EF@accessnv.com>
Source record: 198949

RHASKE41@MAINE.MAINE.EDU wrote:
>
> Hi. I'm looking for some help with a project. I'm trying to build a
> clock, and am looking for plans and a schematic for a 6-digit digital
> clock. I'd like to use standard 7-segment led units for the display,
> and include an alarm if possible. If anyone out there has any info I
> might be able to use, or any idea of where I might look for some, I'd
> appreciate it. Thanks!
> If all you are looking for is a "clock" (i.e., without making it a research project, with all sorts of explanations in a hundred-page thesis), then contact Digi-Key, in Thief River Falls, MN ... they have lots of clock chips ... needing only power supply, some switches, a backup battery and a case to complete.

I have built about ten or fifteen of their clocks, both for myself and for friends, over the years, and they are s-i-m-p-l-e to use ... data sheets very good and easy to understand, etc.

Good luck with the project!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

P.S. To all Newsgroup readers ... I am not trying to be more prolific than Gary Coleman ... I am just being prolific! ;-) Gary - you do a terrific job ... keep it up!!!!!! Thanks to everyone who helps everyone here ... I know it's appreciated! 73, "SQ"

4449. Help: Desk Mic with IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Joe Fitter BV/N0IAT <FITR%mimi@magic.itg.ti.com>
Message-ID: <31CB22E9.344E@transend.com.tw>
Source record: 198950

Well...after trying unsuccessfully for several weeks to "adjust"
the audio of the IC-706 with a combination of MIC GAIN, CARRIER
SHIFT, and COMPRESSION LEVELS, I've decided the root of the problem
must relside in the cheap condenser microphone that
Icom is using with this radio. All reports indicate very high
pitched audio, difficult copy, etc. Unlike some early reports, I get
plenty of ALC action -- but the audio is kinda crappy and listeners
report a wide, mushy signal that lacks base response.

I bought a small ether-net 8-pin modular plug with a pigtail
coming from the connector. I plan to wire up a nice Yaesu
MD-1 to it and see if things improve. But first, some
questions:

1. On my old IC-751A, I could not use any microphone unless the mic
had some audio preamplification circuitry inside. Is this true
of the 706 as well? I built a preamp box to use with a Shure 444D
and it worked ok.

2. When using my Heil on the old IC-751A, I had to build a preamp
circuit to get the Heil to adequately drive the Icom. Is the
same true when running the 706?

3. Anyone tried some name-brand mic's with the ICOM 706 other than the
HM-103 stock microphone and have "dramatically improved" audio
reports? What mic did you use and did it have an internal preamp?

4. Where do you, IC-706 owners, run your mic gain, compression level,
and carrier-shift? What settings ? I usually keep mic gain at
6 or 7 (depends on HF band), Compression at 12:00, and carrier
shift at -100.

5. Why did I EVER sell that 751A? This sardine can is NOT up to
the Icom performance that I am used to.

At this point, my IC-706 is just marginal on cw (qsk stinks and
occasional audio popping when switching to tx) and I am about
to lose faith entirely if I cant improve the tx audio on SSB.

I appreciate any tips or suggestions.

Joe

4450. Re: maxtrac, radius pinout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: ve7fet@intergate.bc.ca
Message-ID: <31ca7367.462523@news>
Source record: 198951

On 18 Jun 1996 13:09:43 GMT, cn1135@abaco.coastalnet.com (Prescott)
wrote:

>Greetings,
>
>Anyone got the pinout for the 16 pin connector for radius and maxtrac?
>I know that pins 4,6,8,9,12 and 14 are software controlled. Looking for the
>others.
>
J3 Accessories (16 pin rear connector):

1 EXT. SPKR. -
2 MIC AUDIO
3 MIC PTT
4 EXTERNAL ALARM
5 FLAT AUDIO
6 PROG I/P6
7 GROUND
8 PROG I/O8
9 EMERGENCY SWITCH
10 IGNITION CONTROL
11 RX AUDIO
12 PROG I/O12
13 SW A+ SENSE
14 PROG I/O14
15 INT SPEAKER +
16 EXT SPKR +

J11 Mic Jack (on switch board)

1 BLUE PB1
2 BROWN PB2
3 BLK/RED HOOK
4 YELLOW GROUND
5 ORANGE MIC AUDIO
6 GREY PTT
7 GREEN SCI+

(NOTE: these wire colors are for the wires from J11 to P8 on the Logic
Board and NOT the colors of the wires on the mic cable!)

>Was the high signalling option available on models with only the 5 pin
>connector? I'm doing a blank board init.
>
as far as i know, no.

>Lastly,
>Would anyone be interested in reading
^sure
or contributing to a Motorola two-way
^possibly
>FAQ. I'd like to include info on model, dates of manufacture, programming,
>crystals(if necessary), power output, accessories,frequency range, mods for
>amateur frequencies, repeater, etc, etc. If there is interest, let me know.
>

FIELD DAY JUNE 22-23
73's and good luck in the contest!
Lee Woldanski, Grad Tech.
Telecommunications Technologist

Email: ve7fet@intergate.bc.ca
ve7fet@keme.com

4451. Re: FT-50R soft voice problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: childers@garlic.com
Message-ID: <4qeh68$dho@quake.garlic.com>
Source record: 198952

In article <4qc69o$jmh@newsbf02.news.aol.com>,
estedman@aol.com (EStedman) wrote:
> Subject: FT-50R soft voice problem
>From: rosch@stow3.ogo.dec.com

>You wrote:
>>I love my FT-50R. However I'm told I'm 'undermodulating'. Ok - I
have a
>>soft voice and I'm not going to scream (to me) into the rig.

My FT-50R also undermodulates... In order to get decent TX audio...
I practically have to swallow the HT. Anyone else have this
problem? Let's get together and ask Yaesu for a fix!

Bill Childers
KE6VVW

4452. Is Motorola Mitrek Modifiable to Ham use? Is it practical?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: rossanalytical@cyberdrive.net
Message-ID: <4qemfr$s84@galaxy.cybergate.net>
Source record: 198953

I recently aquired two Mitrek L43JJB1190CM Base Station Radios. I called Motorola for the part numbers of the manuals, but before I spend $80 I thought I would ask if these radios were able to be retuned to the 2-Meter Amatuer Band in a practical manner before I sink $80 into manuals. Has anyone done this, and if so, would you please share your experience? Thanks.

These radios are currently tuned to the 164.125 to 164.275 MHz range, and were "detuned" down to 25 watts at the initial installation since they were used adjacent to a airport. Otherwise they are in excellent shape.

Thanks for any help you may render.

Dwight R. Hayes, Jr.
KB8SEG
dhayes@cyberdrive.net
rossanalytical@cyberdrive.net

4453. Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: rossanalytical@cyberdrive.net
Message-ID: <4qemlh$s84@galaxy.cybergate.net>
Source record: 198954

I recently aquired a Motorola MRTI 1000 phone patch along with a couple of Mitrek Base Station Radios (VHF). Does anyone know of the capabilities of this phone patch or have any info on it? Motorola Parts ID did not have part numbers for manuals - they said that this unit was a drop-ship item from the real manufacturer.

Any help will be gratefully accepted.

Dwight R. Hayes, Jr.
KB8SEG
dhayes@cyberdrive.net
rossanalytical@cyberdrive.net

4454. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Simon Lewis <slewis@pacsat.demon.co.uk>
Message-ID: <pKeSwDAKWyyxEwJk@pacsat.demon.co.uk>
Source record: 198955
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

In article <4qebnn$e7u@zeus.tcp.co.uk>, "Chris Lorek, Ham Radio Today magazine" <hrt@netlink.co.uk> writes
>
>The mod will undoudtedly be placed onto the Internet in due course by
>the HRT Editor, in the same way as my earlier ex-PMR conversions
>articles on the MX294 and MX296 (plus a lot more, including complete
>earlier issues of the magazine) are on the Internet on the HRT Web
>site, for all to freely read and hopefully enjoy.
>
>But this will be some time (typically at least 12 months) after being
>published in the mag. This is because we live in a real world where a
>publishing organisation (such as Nexus who produce Ham Radio Today)
>usually have to pay people, (including Simon, who's written and has
>had published some fine articles in the mag) for the articles which
>they themselves spend time and money in preparing.
>
>Thus, it's not a case of doing the 'decent;' thing, as many people,
>including my wife and I, need to do work like this to allow them to
>eat, be clothed and sheltered, and to provide the same for their
>dependant family. But if such work benefits amateur radio, through the
>outlet of the magazine and the associated Web site, then it's even
>better as far as I'm concerned, it all helps the hobby.
>
>73, Chris G4HCL

Great News Chris, Im sure many 706 owners - myself included, will be modding onto 4M.

Hopefully this will stir up some activity on 4M.

Your comments re: Nexus and work are understandable and any thinking person would understand any publishing house wanting to boost their sales as much as they can.

Look forward to seeing the mod - any clues as to how long we must drool!

73 Simon GM4PLM

Simon Lewis GM4PLM
Email: slewis@pacsat.demon.co.uk
Packet: GM4PLM @ GB7SAN

4455. WTB: Icom SM-5 mic for IC-451 or IC-251/260

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: vhfdxr@ix.netcom.com
Message-ID: <4qd1c0$avm@dfw-ixnews8.ix.netcom.com>
Source record: 199201

Looking for SM-5 or IC HM-10 microphone for IC-451,251,260.

Reply to vhfdxr@ix.netcom.com Steve.

4456. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: arden@teleport.com
Message-ID: <4qd2u7$bhg@nadine.teleport.com>
Source record: 199202

rogerv@brother.pdev.sco.com (Roger Vortman) wrote:

>So this is an amateur radio newsgroup (rec.radio.amateur.equipment,
>actually) set up to talk about amateur radio equipment. If you're
>not interested in amateur radio equipment, why hang out here at all,
>or direct your posts or followups here?
>
>There are other groups for other subjects, social, political, and economic.
>If you want to talk about that stuff, then go there and talk with people
>that are reading/posting to that newsgroup to talk about that. They know
>a lot more about those subjects, and can give you a much better
>discussion.

>That's the way that usenet is supposed to work, anyway.

It has only recently come to my attention that these posts have been
redirected (by someone unknown) to this newsgroup. They were
originally posted to rec.radio.amateur.policy which isn't a good fit
but is certainly better than this one.

My apologies but the crossposting was NOT done by me.

Arden KI7FG

****
Arden Eby
Internet: arden@teleport.com
Packet Radio: KI7FG@KA7AGH.OR.USA.NA
Homepage (Eby's Cyberscroll) http://www.teleport.com/~arden/
****

4457. Re: ft50r home freqs

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: FBUL85A@prodigy.com
Message-ID: <4qdc7o$2ge6@usenetz1.news.prodigy.com>
Source record: 199203

You have to change the VFO band setting to correspond to the home freq
you want to come up.

Cheers
Rob

- Rob Curtis
Sun-Journal/Sunday
FBUL85A@prodigy.com

4458. WANTED>>>mods for Ten Tech scout

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: albright@epix.net
Message-ID: <4qct96$4ah@star.epix.net>
Source record: 199204

Please email mods or where to find mods to "albright@epix.net"

Thanks John wa3zgl

4459. Re: Kenwood TR-2600A question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: aa813@cleveland.Freenet.Edu
Message-ID: <4qdtdj$b5a@madeline.INS.CWRU.Edu>
Source record: 199205

In a previous article, cdavis@ptel.net (Chris Davis) says:

>I just received a Kenwood TR-2600A (an older HT) and was wondering...
>
>The manual says it is "capable of tuning from 140.000 thru 159.995 MHz..."
> The radio will only let me enter frequencies of 140.000 to 148.995. Is
>there something else I need to do? (According to the instructions, all I
>need to do is enter the frequency, without the first digit, since it's
>assumed to be a one. This radio assumes the first two digits are
>one-four, and only lets me enter the last four digits of the frequency.)
>
>I just thought it would be nice to hear the police calls!
>
>BTW, I'm taking my exam next Tuesday (aiming for Tech+), so wish me luck!
>
>Chris
>(calls to be inserted here soon!)
>

Chris, on my TR-2600, to tune a 155.62, press the buttons in the following
sequence: 5-5-6-2-0

In other words, ignore the "1" and enter the rest of the digits.

73,
Joe N8IPC

BTW: good luck on your test....

4460. Re: Any comments on SGC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4qdv5g$aco@newsbf02.news.aol.com>
Source record: 199206

I have been using an SGC SG230 automatic tuner for approximately 3 to 4 years. It is an excellent product. I had one minor problem about a year ago and shipped the tuner to SGC for repair. It was repaired and returned via FEDEX, no charge for repairs or shipping. I had it back on the 7the day after I shipped it. Quick turn-around! A friend has an SG2000 rig and he has been pleased with it although it does not have all the bells and whistles of most amatuer equipment. Their equipment is primarily commercial grade. It is a good company form what I have seen.

73 de Mark, WB9BVV

4461. Check out my nifty project

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: rb@cyberhighway.net
Message-ID: <4qe32h$8u6@host-3.cyberhighway.net>
Source record: 199207

I get the biggest kick out of chatting with "space people," have several MIR and one SAREX voice contact, this is almost too fun to be legal! Anyway, I usually go to a nearby hill-top to do my "fishing" and got tired of lugging all the radio stuff, so I built a nifty "ham-shack-in-a-box".. Not terribly unusual, but it was a ball to build. If you have a web browser that does graphics, I invite you to check it out and send me any comments or questions.. You'll find it at:

http://www.cyberhighway.net/~rb/project.html

A note to all of you who frequent this group but don't have a Amateur Radio License, GET ON THE BALL! It's never been easier to get a HAM license, you do NOT need to learn code to use the frequencies that are used by MIR and the Shuttle (SAREX)! A friend of mine, with NO previous radio/electronic knowledge borrowed my study book on Wednesday evening, took his test on Saturday morning and passed with a 98%! You can do it too! Amateur Radio NEEDS new blood, if we don't use these frequencies, we'll loose 'em to big corporations and the government, thats a fact! If you have any questions about becomming a "HAM," please ask me! I'll trip over my big feet to get you the information you seek! The first time you call for an astronaut, beit on the MIR or the Shuttle, and a voice comes back to you saying your call sign and a friendly greeting, it will all be worth it! Trust me, it's litterally the most fun you can have with your clothes on.. hehe

Take Care and 73's

John KB7VZL

4462. Re: Ten-Tec Titan

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DtCMzI.5EL@iglou.com>
Source record: 199208

Just be sure you are aware of the price of replacement tubes. They are very expensive. I wouldn't doubt if that is the reason TT quit making the amp.

Stacey E. Mills, M.D. (sem2r@virginia.edu) wrote:
: TOM, LA9GX wrote:
: >
: > Can anyone give me a qualified opinion on the Titan amplifier??
: > Referanses to review-articles etc. wanted to.
: >
: > 73 de tom, LA9GX

: Yeah, like all Ten-Tec stuff, it's well made and extremely well supported
: by a fine staff in Tennessee.. I've had one four about 18 months.
: Bought it used and love it.....I believe that Ten-Tec has discontinued
: making new ones, but I'm sure they'll support the ones out there
: "forever."

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4463. Re: Any comments on SGC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <835357239snz@microvst.demon.co.uk>
Source record: 199209

In article <4qch7m$19qs@pulp.ucs.ualberta.ca>
cdorn@gpu.srv.ualberta.ca "Chris Dorn" writes:

> Came across the SGC webpage, have seen their ad in QST, and am
> wondering about their products. Whenever Hams talk about American made
> amateur products, Ten Tec is the name usually mentioned. I haven't really
> seen any comments on the SGC transceivers. Curious to know if any folks
> out there have had any experiences with SGC. Looks like quality gear.

I've used their SG-230 SmartTuner and it works well. It's rated at
150 watts and I plan to upgrade to the new SG-250 500 watt model
some time after it is more mature. I prefer to live on the blunt
edge and not the bleeding edge of technology.

The SG-2000 HF transceiver is interesting as a solution for mounting
all of the operator and connectors really remote from the RF deck.
The standard ham solutions (IC-706/TS50S/DX-60) are intended to mount
only 10 to 20 feet away, say cockpit to trunk of a vehicle, and then
you most likely end up with no morse key jack or all of the controls
you want to twiddle at the remote head. The the SGC rig does it
right and also with far greater separation. At this point the rig's
100Hz tuning steps make it unsuitable for my needs, but the company
says that they are thinking about bringing out an amateur radio
version with perhaps 1Hz tuning steps.

At that point the SGC transceiver with their 500 watt amplifier and
the newer tuner will make a dynamite (and pricey) solution to my wish
of putting a very small full-functioning rig in the house with all of
the bigger bits way out of site and in the shack nearer to the mast.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4464. REMOTE MICROPHONE HM-75

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: xjanda@cs.felk.cvut.cz
Message-ID: <4qe2s5$p2a@ns.felk.cvut.cz>
Source record: 199210

Hi, all !

I would like to know internal scheme of ICOM's remote control microphone HM-75. I have some idea how this microphone works, but I am not sure. I think that remote functions are connected to middle pin of 3.5" speaker jack over different values of resistors (same as in Kenwood remote microphones).

ANY IDEAS ?

PLEASE E-MAIL ME TO: berucha@k332.feld.cvut.cz

73! from OK1XRF - radio amateur station from Prague, Czech Republic (George)

4465. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Dave Heil <k8mn@clinet.fi>
Message-ID: <31CA4D28.6C43@clinet.fi>
Source record: 199211
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher wrote:
>
> Dave Heil wrote:
> >
> > What has any of this nonsense to do with amateur radio?
> >
> > Dave OH2/K8MN
>
> Yes we should discuss the really important topics of the day, like
> traffic, contests, code or no code.
>
> #===============#===#|
Burt Fisher | Teacher of video, broadcasting and electronics |
> | Amateur call | South Dennis, Ma. (Cape Cod) |
> | K1OIK | The less you say, the more people will remember |
> #===============#===#|
k1oik@ccsnet.com |
> #===#>
http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

Burt,

You miss the point. This is an amateur radio newsgroup. It isn't
dedicated to politics or to your desire to insult Germans. Why don't you
take it elsewhere since it seems quite obvious that you are annoying most
folks? Perhaps that is your sole intent. It must be satisfying to you
to know that the only thing you're known for is upsetting folks.

I suggest you use your time to do something constructive with your life.

Dave OH2/K8MN

4466. FS: Yaesu 5100 dual band mobile xcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-21 00:00:00 UTC
From: Tanvir_Ahmed@transarc.com
Message-ID: <AlmeSnySMV1aJbSmUs@transarc.com>
Source record: 199212

I have one Yaesu 5100 dual band xcvr (2m/70cm). It is in outstanding condition. I have only turned on may be two or three times in the last year. The unit will come in the original shipping carton, manual and all other accessories.

The unit is about two years old. AES is selling it for $659. I will sell it for $450 +SH or OBO.

Reason For Selling:
Getting out of ham radio completely.

Terms:

You will have one week after the receipt to try out the unit and make sure that every thing is functioning as desired. If you find something wrong with it or feel that I have misrepresented in any way the condition or working of the unit, just let me know and I will return back your money.

If interested please e-mail me or call me at

Work: 1-412-338-6934 8am to 5pm EST
Home: 1-412-653-0534 7pm to 9pm EST.

Thank you for your interest.

Tanvir

4467. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: yves@g4udt.demon.co.uk
Message-ID: <ADF0EFC69668231C7@g4udt.demon.co.uk>
Source record: 198956
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

Well said Chris. GM4PLM is sadly typical of UK radio hams who thiink they are entitled to everything in life for nothing.

I would have thought that the mod info is well worth the cover price of the magazine, particularly as I know many others have tried this modification and nobody has succeded so far...

If you succeed with this mod, you are certainly to be congratulated!

4468. Tube CW TX circuit, Xformer and tube socket request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: cfb@bga.com
Message-ID: <4qfpn0$d8c@news3.realtime.net>
Source record: 198957

I originally meant to post this (slightly edited) article below to rec.radio.amateur.homebrew, rec.antiques.radio+phono and here. I goofed on the here part, so I am posting it separately. I must pay attention, I must pay attention, I must .....

I have a 50W CW TX design based on the 6LR8 TV sweep tube. This is a combination triode oscillator and tetrode amplifier. The oscillator plate output is fed to the tetrode control grid via a capacitor.

The Morse is transmitted by having the Morse key in series with the cathode-ground circuit of the tetrode (with a low value capacitor across the key in order to declick it). The anode goes to B+ via a choke with the RF going also from the anode to a pi filter/resonator (and thence to the antenna). The advantage of this keying approach is that the triode oscillator is left running without interference and thus is quite stable.

I am not sure of the impedance of the tetrode under open key conditions, but I bet you'll get a really good kick if your finger finds its way between the open Morse key contacts (the B+ is between 200V and 400V).

I have never looked at a Morse key closely before. Are they designed to keep the HT safely away from the user, or is this an accident waiting to happen? BTW, the circuit will be isolated from the mains with a transformer (see below), so there's no chance of the user grounding the HT. Thus, it will be fine if the key body is at the chassis's ground potential.

Regarding the transformer - I need one with a primary of 110V and either a 300V CT to 400V CT secondary OR a 150V to 200V secondary without CT. It must be able to deliver 200mA. A separate 6.3V CT > 1A winding will be nice, but not essential.

I have looked in the Antique Electronic Supply catalog (very expensive) and Fair Radio sales catalog (they don't have quite what I need). In addition, I have looked in All Electronics, MECI, JDR, Parts Express and Digikey catalogs. They don't have transformers with this kind of rating. Does anyone here know where I might find such a device, but less than the $50 or so AES is asking?

Finally, to the tube socket - the 6LR8 is a 9 pin Novar based tube. I have looked for a matching 9 pin Novar socket in the catalogs listed above, but to no avail. Does anyone know where I might find one of these?

Cheers,

Chris (cfb@bga.com)

4469. Yaesu FT2200 Alinco DJ-G5

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <4qfj3p$6mp@news.ios.com>
Source record: 198958

```
Alinco DJ-G5 Dual Band HT
with EMS-9 Speaker MIC & ESC-30 leather case
Charger is a standard drop in charger EDC-63 for all battery
Tx 136-174 400-512 Rx 108-174 400-512
Asking $300.00 Plus Shipping
----------------------------

Yaesu FT-2200 2 Meter Mobile
MH-27 microphone 50 memories
Tx 136-174 Rx 118-174
Asking $225.00 Plus Shipping
----------------------------

Both radios are about 3 months old

I'm looking for a FT-8500 or C5900 to replace these radios

Email: rod@venus.hili.com
CALL (201)797-1227
Ask for Rod
N2RVM
```

4470. FS: HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: rrl01@rust.net
Message-ID: <4qg0u8$9hj@dfw-ixnews7.ix.netcom.com>
Source record: 198959

Radio Shack HTX-212 45 watt 2 meter rig

"Like New" condition, the only part that
looks used is the manual.

Box, manual, mounting hardware.

$200 (or best offer) includes USPS shipping within US.

Email replies and questions to:

rlee10@ix.netcom.com

4471. Anyone know the date code system for Yeasu batteries?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: wx8l@vtc.tacom.army.mil
Message-ID: <4qg496$6q3@vtc.tacom.army.mil>
Source record: 198960

Hello,

Does anyone know how to decode the date stamp on Yeasu batteries?

I have two new ones stamped 51221 and 51323

Thanks,
Sean

4472. SB-200 to 6M? help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <4qfuen$c0o@insosf1.netins.net>
Source record: 198961

Need help finding info on converting a Heath SB-200 to 6Meters... or would buy one if converted...anyone know of the info, or anyone do this kinda work? boblucas@netins.net

4473. Re: MFJ keyboards?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <4qfui3$c0o@insosf1.netins.net>
Source record: 198962

Ask MFJ for the RFI kit, they will send it to you, or if u send them
the keyboard, they will install it free... 73 BobIn article
<4q6qjb$8io@newsbf02.news.aol.com>, jduffy@aol.com says...
>
>I have the two lower priced models. The low end model (no display) is
>very prone to being locked up with stray RF. On 20 meters I can't run
>more than about 40 watts. I use it with just the QRP rigs now.
>
>Then I bought the next model up because it is supposed to be RF proof.
I
>does a lot better but get locked up every now and then with RF. But it
is
>far better than the low priced model. For the price, it's not bad.
>
>The top end product is just a few more bells and whistles. Stick with
the
>mid-range product.
>
>Regards,
>
>Duffy - WB8NUT

4474. Test Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: infinity@gate.ioa.com
Message-ID: <4qgatv$35r@ralph.vnet.net>
Source record: 199063

FS: Heathkit test Equipment

20 MHZ dual Trace Scope No Probes
RF / Video Vectorscope Will produce several test patterns.
5hz to 150KHZ Sine - Square Wave generator

$225 and shipping for all OBO and shipping. All equipment is
in good working order.

****
The Mobius Trading Group, Inc : P.O. Box 8445 - Asheville, N.C. 28814
Internet Consulting, Sales, Service, and Brokering; Computers
SIMMS, HDD's, Communications, and Hi-Tech Electronics
VOICEMAIL - FAX: 704-255-9955

See our Webb Page at: http://www.ioa.com/users/mobius/

4475. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: walt@dial.pipex.com
Message-ID: <31cbb0a7.1542294@news.dial.pipex.com>
Source record: 199064
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

yves@g4udt.demon.co.uk (Yves Remedios) wrote:

>I would have thought that the mod info is well worth the cover price of the
>magazine, particularly as I know many others have tried this modification
>and nobody has succeded so far...

In that case, if we buy the mag and the mod doesn't work, do we get
our money back?

:-)

73 de G3NYY

--
Walt Davidson E-mail: walt@dial.pipex.com
100523.1414@compuserve.com

4476. Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31CBCD4B.751C@ccsnet.com>
Source record: 199065
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Kenwood and Microsoft agree ham radio is dying.
(but I told you that a long time ago)

KENWOOD DEFENDS DISTRIBUTION PLANS

Kenwood Communications Corp says its recently announced plans to make its products available in more retail outlets will help to rejuvenate ham radio. Citing concerns about the future of Amateur Radio and a changing business climate, Kenwood announced it was taking "some bold steps" to revamp its wholesale distribution scheme.

In a June 10 open letter to the Amateur Radio community, Kenwood's Amateur Radio Products Group National Sales Manager Paul Middleton, KD6NUH, painted a dismal picture. "When we looked at where Amateur Radio is today, and where it is going to be in ten years at the present rate of decline, the future looks bleak," he wrote, citing competition from unlicensed communications modes. (internet).

"It is also obvious that the rate of no-code licensees is slowing down with fewer and fewer people upgrading," Middleton wrote. "Amateur Radio dealers should be more interested in attracting new people to our hobby. Every current amateur operator who wants this hobby to continue should be promoting ham radio to non-hams."

* Microsoft Network (MSN) has dropped its Amateur Radio Forum, reports the unofficial forum manager Rick McMillion, WB7UGZ. He said MSN gave him the word recently in a terse e-mail message. McMillion says he had no warning that MSN was going to dump the forum.

4477. Re: Homebrew Microwave Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun22.100114.19908@ke4zv.atl.ga.us>
Source record: 199066
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <31CB21C0.16CE@showme.missouri.edu> Nathan Odle <c670064@showme.missouri.edu> writes:
>Does anyone know of any kits/plans/directions for the construction of
>microwave gear? I'd like to start out with a simple wideband voice
>link using a horn and dish, and progress to maybe a 10GHz data link. I
>have seen the project in the 1994 ARRL Handbook, and think it might be a
>little too complicated to start with. Any help along these lines will
>be GREATLY appreciated.

The "standard" way to start out on 10 GHz has been with a pair of Gunnplexers. The cheap motion detector types (about $20) will work, though the Microwave Associates units are better. Advanced Receiver Research sells complete MA units, though they're a bit expensive (over $300 each). The major difference between the MA type and the motion detectors is that the former have a separate modulator varactor diode while the latter have to be modulated by varying the Gunn diode current. This allows the MA types to handle wider bandwidth modulations, such as video or high bandwidth data, while restricting the motion detector types to just voice or lower bandwidth data.

Due to the relatively poor frequency stability of Gunnplexers, WBFM with AFC is used. They are always setup in duplex links by offsetting one of the pair by the IF frequency from the other. Typically, 30 MHz has been chosen as the IF, so the two Gunnplexers will be offset 30 MHz from each other. However, the 10 GHz amateur band is wide (500 MHz), so a higher IF can be used. One cheap solution is to choose 100 MHz (or any other clear frequency in the FM broadcast band) as the IF and use a regular broadcast FM receiver as the IF.

One of the pair is allowed to free run while the other has the AFC voltage of the IF receiver brought out to drive its Gunnplexer. This forces the "slave" station to track the other station at the fixed IF offset. As I mentioned, operation is duplex. The Gunn source acts as both transmitter and LO for the station at the same time. This means you hear yourself as well as the other station in the IF receiver.

For modulation of the motion detector types, use an adjustable current regulator with the modulation superimposed on the adjustment terminal of the device. There are several 3-terminal regulators which can be used this way. For the MA types, just apply the modulation to the varactor diode. The hardest part of this project is combining the AFC voltage from the IF receiver of the slave station with the

modulation of the slave, and with a DC tuning voltage. An opamp summer works fine for this.

You do rough tuning of the units with their mechanical tuning screws, do fine tuning with the DC tuning voltage, then flip a switch to activate the AFC voltage on the slave when you hear the other station. That's it. The units should stay locked together from this point on and you should be able to work duplex. A more elegant method sweeps the DC tuning voltage until lock is achieved then transfers control of frequency automatically to the AFC.

Note, you need some way of measuring the 10 GHz frequency so that you stay inside the amateur band. A simple wavemeter is sufficient. You can make this (adapt a micrometer as the tuning plunger and scale), or scrounge one surplus, or borrow one from another amateur active on 10 GHz.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4478. Re: Homebrew Microwave Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4qgmki$2gjs@info4.rus.uni-stuttgart.de>
Source record: 199067
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <31CB21C0.16CE@showme.missouri.edu>,
Nathan Odle <c670064@showme.missouri.edu> wrote:
>I'd like to start out with a simple wideband voice
>link using a horn and dish, and progress to maybe a 10GHz data link.

As a matter of curiosity, Is there a hope to find a QSO-partner
on 10GHz WBFM? When I finished my WBFM TRX 10 years
ago, it turned out that everyone else here had moved to SSB.

73, Moritz DL5UH

4479. Re: XMatch Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4qgrsu$d0a@newsbf02.news.aol.com>
Source record: 199068

In article <31C72001.27D@aloha.net>, Jim Reid <jreid@aloha.net> writes:

>
>How does the MFJ tuner "know" when you are on a higher band? I don't
>see a switch on the MFJ tuner, or other means of communicating
>to the tuner from the rig as Ten Tec does with their auto tuner.

The switch activates according to the position of the roller. The series resonance only moves below 30 MHz when the roller is almost all the way at minimum L.

>Would a "complete" path around the case be able to constitue a
>"shorted turn" around the internal roller inductor. This is the
>only possible reason of which I might concieve.

No, not at all. Look at the mounting brackets, they are large "shorted turns" right at the very ends of the coil in the flux path. I'd worry about using non-conductive ends long before woryying about the case.

Besides that, the shorted turn effect deals with a small area of metal, a screwdriver blade is large enough to create a problem. To eliminate the shorted turn effect, the conductive material must be VERY small as the coil flux sees it. Grounded or not, the cabinet would have EXACTY the same effect.

The only thing insulating the case does is RUIN RF shielding.

>Well, Tom, this morning I downloaded Paul's patent; he has the
>patent granted in the US, Canada, and the UK. Obtained the
>patent via the web's Shadow Patent Office, SPO, works pretty neat.
>His US patent number is 4763087; applied for 27 May 1986; issued,
>9 August 1988.
>
>Anyway, my guess was correct. He has seven claims in the patent,
>made after a VERY lengthy and wordy description of every combination
>of components of which the world has ever conceived for "prior
>art" T and Pi three element networks!
>
>First claim: Again a very wordy description claiming the idea
>of interconnecting--which really means reversing the network
>between source and load connections.

Nye Viking did that in the MVB V tuner at least as early as 1982.

>Claim 2: The matching network applied may be a T network.

MFJ did that in 1975.

>Claim 3: The matching network applied may be a Pi network.

This is the Nye Viking tuner from 1980's.

>(My paraphrasing of the claims; applied means between the
>interconnecting (reversing) switch; the network can be
>"turned around" with the swich such that the input T
>arm capacitor, in the "switched" position is connected
>to the output, and similarly, the output is connected
>to the input.)

Another way of doing the MFJ differntial T tuner, isn't it.

>Claim 4: "A switch device for connecting an impedance
>matching network....blah,blah) in such a way that the
>interconnecting described is realized.

Nye used a switch, MFJ used ganged caps.

>Claim 5: The switch device of 4, above, is capable of
>by-passing the matching network such that the source is
>directly connected to the load.

Wow. How innovative. A by-pass switch!

>Claim 6: The switch device of 4 is capable of connecting
>both source and load to ground, bypassing the network.

Wow! Another invention. A grounding switch! I bet no one ever used one
before.

>Claim 7: The switch device of 4 is capable of connecting
>the input source to an alternative load, and the (original?)
>load to ground.

Wow, an antenna switch! Neat invention.

>The discussion part of the document describes that, when using a
>T type network comprised of capacitors connected in series with
>the source and the load, and "an interveneing inductor" to
>ground, that the tuning, efficiency and power handling are
>greatly improved when one of the capacitors is fixed, leaving
>only two variable elements in the network, unlike any other
>of the "older" network disgins described in the patent discussion.

I'd hate to disappoint him but that system has been used hundreds of times
in the past in hundreds of systems.

>Also, that such a fixed value reactive element assures that there is
>ONE and ONLY ONE setting of the remaining capacitor and inductor
>elements at which a conjugate impedance match can be obtaind
>connecting the originl source and load impedances. Therefore,
>the "prior-art" impedance matching networks with three variable
>reactive elements "could be easily mis-tuned" which could result "in
>excess network power loss, excess current, excess capacitor
>voltages, and decreased bandwidth, thus increases in the

>network losses and excessive current and voltage." I suppose this
>means that low vswr values can be obtained with the three
>variable element tuner, but that these values might not actually
>be a "conjugate match", and therefore the deleterious conditions
>listed would occur.

That's technical gobbly gook. The hype about matching without it being a conjugate match is rubbish. Here's the way it works.....

A T or pi net work has variable Q, determined by the ratios of the reactances to the resistances in the system. The Q can be set to any value desired with a T or Pi netork. An L always operates with the lowest possible Q when matching two impedances.

As a general rule there is no combination that results in a low SWR without power transfer occuring. The only exception is if an unwanted series resonance in a very lossy component occurs, and then all the transmitters power would be dissipated in that component. But that also requires the component have very low Q, it has to have a real resistive part of the impedance that dissipates power.

We all agree minimum loss occurs with minimum operating (loaded) Q. The efficiency does decrease as loaded Q increases. If you simply use the maximum capacitance that permits a match in a high pass T, or the minimum in a low pass pi, efficiency will be maximum. If you use other settings, efficiency and power handling will slowly decrease as Q is increased. There are no settings that magically stop the system from working, or "false matches" (with the exception of the series resonance...like the one you ran into in your Xmatch even though it claims it eliminates the problem).

The use of fixed caps in the T results in minimum Q and maximum efficiency only when the capacitive reactance of the fixed caps is zero ohms. In that case, it would become an L network, and have all the features claimed, as do ALL L networks.

The exception is the conjugate match hyperbole. It's folklore.

If the series fixed C has any appreciable reactance, here's what happens. As frequency decreases, minimum Q increases. Efficiency and power handling decrease on 160 (just as it does in a conventional T). Either the fixed capacitor is so large the circuit simply behaves as an L, or the thing suffers the same maladies as any other T network.

It certainly is NOT an optimized T circuit on any one band, let alone several. Even if only load Z changes, the fixed cap needs to be changed for maximum efficiency.

73 Tom

4480. WANTED:STANDARD MINI-HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: Zan Bible <zontor@en.com>
Message-ID: <01bb603d.c66ca0e0$250b4ecf@en.en.com>
Source record: 199069

Looking for the Standard shirtpocket sub-mini dual-band
HT and any accessories. Please contact zontor@en.com

4481. FT-50r info request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: waltm@loa.com
Message-ID: <4qgs9d$31p@stigmata.loa.com>
Source record: 199070

Hello

I'm looking for info on any ft-50r mods for rx or other (what can be
done and how) or any opinions on this or other wideband rx ht, as I
have yet to purchase one. Any suggestions?
73 and thanks in advance...

Wally
waltm@loa.com

4482. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4qgvrf$5cc@lehi.kuentos.guam.net>
Source record: 199071
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Burt Fisher <k1oik@ccsnet.com> wrote:

>Kenwood and Microsoft agree ham radio is dying.
>(but I told you that a long time ago)

Come back and tell us when YOU are dying Burt, that's
something we'd all like to hear.

73, Jim KH2D

4483. WANTED: Kenwood TH78A HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: old33@norfolk.infi.net
Message-ID: <4qgvif$bgd@nw101.infi.net>
Source record: 199072

Looking for a Kenwood TH78A HT in VG to EX cond. Please email info to
old33@norfolk.infi.net
73 de KD4ZVF

4484. FS: PK232MBX and Kantronics KPC3

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: old33@norfolk.infi.net
Message-ID: <4qgvpf$bgd@nw101.infi.net>
Source record: 199073

Both are LN with box and papers. PK232 is $185 and KPC3 is $75. Please
Email to old33@norfolk.infi.net. Thanks.
73 de KD4ZVF

4485. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4qgvr9$5cc@lehi.kuentos.guam.net>
Source record: 199074
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

>>Jim, does bowling, or stamp collecting, or bird watching, or water
>>skiing provide a living for the people who engage in those activities?
>>Where did you get the idea that ham radio was or is a career move ?
>>Last time I looked, it was a hobby.
>>
>>73, Jim KH2D

>This does seem to be one of the major problems of the amateur radio
>service today, too many people can't tell the difference between it
>and stamp collecting or bird watching or water sking. To these benighted
>souls, it is "just a hobby", of no value to their nation or themselves
>beyond a simple passtime.

>Gary

Come on, Gary. How many lives have you saved lately ? I'm not your
Congressman, nor do I work for the FCC. You don't have to use the
'service' line on me. The closest ham radio comes to being a service
is that it is self-serving. Some benighted souls get so engrossed in
thier hobbies that they confuse them with services or professsions.
Anybody who wants to save lives should join the volunteer fire
department and skip ham radio.

73, Jim KH2D

4486. Re: ICOM 281-H Out of band ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: n1lhw@amsat.org
Message-ID: <n1lhw-2206961052400001@d48.lwl.ma.ultra.net>
Source record: 199075

In article <31C94033.46E1@stc.net>, Hugh Pearson <hpearson@stc.net> wrote:

> Does anyone know of an out of band mod for the 281-H? Receive only would
> be okay. I have searched and have come up with nothing...
>
There is one at:

ftp://www.cdrom.com/pub/hamradio/oak/mods/icom/ic281.mod

--
+---+
| Haber's Law Nothing is for Sure until it is over |
| Then it is only highly probable |
+---+
| System Development Pilot Radio Operations |
| NASA, FAA, Comm. Hot Air Balloon Amateur Radio-N1LHW|
| DoD USAF, Private Fixed Wing CAP-NH Profile 175 |
| RAF-GSA Glider, AFMARS AFA1FV |
+---+

4487. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: mauricea@glo.be
Message-ID: <4qh1bq$iju@rhea.glo.be>
Source record: 199076
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

charles1@netcom.com (charles copeland) wrote:

>I recently got my general, and have trying my luck on HF voice
>using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
>dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
>sitting on mag mount on floor with two 30' folded counter poise wires).

>My luck has been rotten, (with exception of 10 meters). I've talked
>to three HAMS on 20 meters only to have to struggle just to get
>them to recognize my callsign.

>This brings up my question: Is it hopeless to run HF voice at 100 watts?

>If I were to get a inverted V dipole up at 40' would I have the same
>lousy luck? What cheap portable antenna would be most efficient?

>I know two other HAMS who have recently gotten their general,
>and both report lousy results on 20m-160m running 100watts.
>Both live on third floor apartments using folded dipoles. Both rarely
>are able to snag a QSO.

>What about running mobile? A 6' whip should pale to a 60' dipole on 3d floor?
>Seems 100 watts and a whip would be worse than hopeless.

>Is 100 watts sufficient when the sunspot cycle picks up?

>Are 20m-160m bands strictly the domain of the "big guns"
>running 1500 watts, 100 foot towers, and monster beams?

>If this is so, what is the minimum setup to operate effectively?

>400 watts, 600 watts, 1000 watts?

>30', 40', 60', 100', tower?

>antennas?

Hi Charles,

Consider yourself very lucky to live in the 'good ole US of A'. The powerlimit is 1.5 Kw if I'm not mistaken. Here in Belgium we have 150 Watts maximum power. I've been on HF since september 1994 so that means most of my operating is done with very little sunspots. I don't use my HF radio a lot but so far I've worked around 120 countries on 20 meter and up. I don't have antennas for 30,40, 80, 160 meter. On the other bands I use a Mosley TA-53M at 12 meter (36ft) AGL. I'm also using a TS-450SAT and output is typical 80-100 W. Besides this I made my first QSO on HF with a OD5 station when had a mismatched sloping dipole (pointing north) at 1 meter above the ground at the

lowest point and 10 meter at the highest.

I suggest to LISTEN on the bands and if you hear a strong signal you WILL work them. Did you know that people run QRP (less than 5 Watts) and work the world? Maybe you could try to put a vertical multiband on top of the apartment building? It may also be posible to run a wire to a tree or something and tuning it for minimum SWR. Best is to get the antenna OUTSIDE.
You can always make up the difference in signal strength with operating practice.

Listen on 14.306 (+- QRM) in 3 weeks time... you might work W6/ON4BAM/m or W7/ON4BAM/m.....

Nevertheless... have FUN on HF. That's what's important.

Just my 2 cents, Your mileage may vary
Opinions are my own (most of the time).

73 de Maurice, mauricea@glo.be (internet)
ON4BAM@ON6AR.#AN.BEL.EU
http://user.glo.be/~mauricea (Ham links and station info)

4488. FS ICOM 271A & 471H Satellite Operations

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: n1lhw@amsat.org
Message-ID: <n1lhw-2206961058180001@d48.lwl.ma.ultra.net>
Source record: 199077

FOR SALE

ICOM 271A asking $650
2 M All-Mode modified for MARS/CAP out of band.

ICOM 471H asking $850
70 CM All-Mode

Or both for $1400

Email to n1lhw@amsat.org or call (603) 880-4220 New Hampshire USA

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+---+
| Haber's Law Nothing is for Sure until it is over |
| Then it is only highly probable |
+---+
| System Development Pilot Radio Operations |
| NASA, FAA, Comm. Hot Air Balloon Amateur Radio-N1LHW|
| DoD USAF, Private Fixed Wing CAP-NH Abenaki 85 |
| RAF-GSA Glider, AFMARS AFA1FV |
+---+

4489. FS ICOM 751A HF Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: n1lhw@amsat.org
Message-ID: <n1lhw-2206961100420001@d48.lwl.ma.ultra.net>
Source record: 199078

For Sale

ICOM 751A HF Radio with CAP/MARS mod

Asking $1050 or b.o.

Email n1lhw@amsat.org or phone (603) 880-4220 New Hampshire USA

73 Steve N1LHW

--

```
+---------------------------------------------------------------------+
| Haber's Law Nothing is for Sure until it is over |
| Then it is only highly probable |
+---------------------------------------------------------------------+
| System Development Pilot Radio Operations |
| NASA, FAA, Comm. Hot Air Balloon Amateur Radio-N1LHW|
| DoD USAF, Private Fixed Wing CAP-NH Abenaki 85 |
| RAF-GSA Glider, AFMARS AFA1FV |
+---------------------------------------------------------------------+
```

4490. ICOM Z1A Suggestions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: egg117@carroll.com
Message-ID: <4qh7q1$hcr@ruby.interactive.net>
Source record: 199079

I am going to purchase the radio but wanted some info if it's a great radio to buy or not? I heard it was great in terms of InterMod in the Metro NY,NJ area.

4491. Re: Homebrew Microwave Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: William W Janssen <billj@calweb.com>
Message-ID: <4qh9ht$ol0@news.calweb.com>
Source record: 199080
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

To measure the 10 GHz frequency, Set up the Gunnplexer to transmit
and measure the receive diode current. Put a sheet metal reflector
in front and move it towards and away from the Gunnplexer. You
should see the diode current go through minimum and maximum values.
The distance between minimum's is a half wave. If you move
the plate through many halfwaves you can average the measurements
and easily get into the 10GHz band.

I hope that description is clear.

Bill K7NOM

4492. Re: FT-50R: charging options???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: "Scott A. Blystone" <kc2iq@frontiernet.net>
Message-ID: <31CC3ACD.573E@frontiernet.net>
Source record: 199081

Sean McCarthy wrote:
>
> Hello all, I recently purchased a Yeasu FT-50R and would like to get
> a TRICKLE charger that can charge the batteries off the radio.
>
> W&W associates sells a "MasterCharger IIa" that appears to fill the bill.
>
> Anyone have any experience with this product?
> Are there any other options? Mr. NiCad, Alexander, etc.?
>
> Thanks,
> Sean

Sean,

I have purchased at least two chargers and a dozen battery packs from
W&W over the last five years and have been extremely pleased. My Icom
IC-T7A is charging on a MasterCharger I at the moment right in front
of me. W&W frequents many hamfests in our area and definitely stands
behind its products. Happy hamming!

--

Scott A. Blystone Amateur Radio Callsign KC2IQ
Senior Communications Engineer Electronic Data Systems, Inc.
Rochester, New York E-mail: kc2iq@frontiernet.net

4493. Re: SB-200 to 6M? help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4qhe9u$ksi@newsbf02.news.aol.com>
Source record: 199082

In article <4qfuen$c0o@insosf1.netins.net>, boblucas@netins.net (Bob Lucas) writes:

>
>Need help finding info on converting a Heath SB-200 to 6Meters... or
>would buy one if converted...anyone know of the info, or anyone do this
>kinda work? boblucas@netins.net
>
>
>

Bob,

I can't think of a more difficult amp to convert.

572's and 811's barely work at 30 MHz, the long thin grid leads inside the tube envelope are the primary problem. Since the problem is inside the tube, there is little that can be done to fix it.

73, Tom

4494. Info REQ: Lithium battery location in Kenwood TS-430S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: ku10097@nando.net
Message-ID: <4qhncl$bl1@castle.nando.net>
Source record: 199083

Does anyone know where the lithium battery is located inside a Kenwood TS-430S rig? This is the battery that retains the memory. It is not obvious from the schematics or looking inside the rig.

Thanks in advance.

-Kile

4495. WANTED: APRS MAPS OF UK.....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: MAAR13@dial.pipex.com
Message-ID: <4qho3a$m5h@tube.news.pipex.net>
Source record: 199084

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------------------------------------------------------------------------
- -----
Subject: WANTED: APRS MAPS OF UK.............
To: sci.geo.satellite-nav
Satellite-nav
HI, i have just downloaded APRS76d from tapr.org.....

What i now need is a source of in-depth maps for the UK, especially
South East
England...

Any help gratefully rx.....

Andy.....

--

Please reply via the newsgroup, or Email direct.

maar13@dial.pipex.com or direct to University .

AJR9@UKC.AC.UK Callsign G6MRI.

University of Kent. England.

From Andy, Herne Bay Kent England.

Cheers, keep your end up........
```

4496. Re: Homebrew Microwave Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: Steve Roberts <osteven@en.com>
Message-ID: <4qhomr$7ab@antares.en.com>
Source record: 199085
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

Nathan Odle <c670064@showme.missouri.edu> wrote:
>
> Does anyone know of any kits/plans/directions for the construction of
> microwave gear? I'd like to start out with a simple wideband voice
> link using a horn and dish, and progress to maybe a 10GHz data link. I
> have seen the project in the 1994 ARRL Handbook, and think it might be a
> little too complicated to start with. Any help along these lines will
> be GREATLY appreciated.

Try the RSGB (radio society of Great Brittain) UHF/VHF handbooks,
usually available from ARRL or in a really good university library,
also check out back issues of 73 magazines micro column by CL Houghton
as he likes to work on a budget as well.
hope this helps.

4497. Re: Homebrew Microwave Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: Jim Odle <jimodle@infowest.com>
Message-ID: <31CC65AD.5F36@infowest.com>
Source record: 199086
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

Gary Coffman wrote:
> The "standard" way to start out on 10 GHz has been with a pair of
> Gunnplexers. The cheap motion detector types (about $20) will work,
> though the Microwave Associates units are better. Advanced Receiver
> Research sells complete MA units, though they're a bit expensive
> (over $300 each). The major difference between the MA type and the
> motion detectors is that the former have a separate modulator varactor
> diode while the latter have to be modulated by varying the Gunn
> diode current. This allows the MA types to handle wider bandwidth
> modulations, such as video or high bandwidth data, while restricting
> the motion detector types to just voice or lower bandwidth data.

<Stuff Deleted>

Yes, this is almost exactly what I have in mind. However, I don't have
any experience putting something like this together. I understand the
theory in practice here, I just don't think I can get from there to a
finished design. Does anybody have a pair of these already set up that
I could buy and take a look at for ideas, or a more detailed set of
plans? Thanks in advance for any help.

-Nathan Odle, KB0NNV
c670064@showme.missouri.edu
http://www.missouri.edu/~c670064/

4498. Re: Homebrew Microwave Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: Jim Odle <jimodle@infowest.com>
Message-ID: <31CC65D1.4748@showme.missouri.edu>
Source record: 199087
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

Gary Coffman wrote:
> The "standard" way to start out on 10 GHz has been with a pair of
> Gunnplexers. The cheap motion detector types (about $20) will work,
> though the Microwave Associates units are better. Advanced Receiver
> Research sells complete MA units, though they're a bit expensive
> (over $300 each). The major difference between the MA type and the
> motion detectors is that the former have a separate modulator varactor
> diode while the latter have to be modulated by varying the Gunn
> diode current. This allows the MA types to handle wider bandwidth
> modulations, such as video or high bandwidth data, while restricting
> the motion detector types to just voice or lower bandwidth data.

<Stuff Deleted>

Yes, this is almost exactly what I have in mind. However, I don't have
any experience putting something like this together. I understand the
theory in practice here, I just don't think I can get from there to a
finished design. Does anybody have a pair of these already set up that
I could buy and take a look at for ideas, or a more detailed set of
plans? Thanks in advance for any help.

-Nathan Odle, KB0NNV
c670064@showme.missouri.edu
http://www.missouri.edu/~c670064/

4499. Re: IC-706 Logbook/Cable Offer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: mamoman@xs4all.nl
Message-ID: <4qhnrh$dt9@news.xs4all.nl>
Source record: 199088

Well be very happy that you get a logbook and cable, cause in The
Netherlands & Germany You don't get these stuff..

Martin..

Guy Teague (dteague@csc.com) wrote:
: Just thought I'd put in a nice word for Icom re their 706 registration
: gifts. Got the logbook today with a letter saying that the OPC-581
: Separation Cable was back-ordered until September, and a SASE with a check
: box to request a MB62 Main Unit Mounting Bracket in its place or to
: continue to wait on the cable.

: Since I had already purchased the Cable on my own and didn't have the
: bracket, I really appreciated this option.

: Thanks Icom for 'making it right' after the delay.
: --
: Cheers 73 de dteague@csc.com "Don't you eat that yellow snow" F Zappa
: Guy KG5VT gteague@why.net "Can't melt it down in the rain" L Cohen
: <http://www.why.net/home/gteague/gtweb.html> "They're out there" K Kesey

4500. FT-50 charging question?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: stevehan@yrkpa.kias.com
Message-ID: <4qhvov$a7r@yrkpa.kias.com>
Source record: 199089

I just purchased the Ft-50 5 watt verison which came with the 15 hour charger. Is the battery suppose to have a charging jack? The only jack is the DC jack on the side of the radio. If that is the charging jack how do you use it on DC or in the car without it effecting the charging rate. The adapter is 15v 200ma. If I use it in the car or another power source the charging rate will be different which would be hard on the battery. Just got the radio to day and stores are close til Monday. Would like to try to charge it up overnight.

Please respond email

Steve

Steve Hancock, N3FWE
stevehan@yrkpa.kias.com
The Pro-2006/Probe Web Page http://yrkpa.kias.com/~stevehan
"The Truth is Out There"

4501. Re: XMatch Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4qi8p0$c22@safety.ics.uci.edu>
Source record: 199090

In <4qgrsu$d0a@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:

>>Well, Tom, this morning I downloaded Paul's patent; he has the
>>patent granted in the US, Canada, and the UK. Obtained the
.....

>>First claim: Again a very wordy description claiming the idea
>Nye Viking did that in the MVB V tuner at least as early as 1982.
>>Claim 2: The matching network applied may be a T network.
>MFJ did that in 1975.
....
>Wow. How innovative. A by-pass switch!
>Wow! Another invention. A grounding switch! I bet no one ever used one
>before.
>Wow, an antenna switch! Neat invention.

Lots deleted. This is a good dose of reality here. Thanks, Tom.
A bit off the topic, but a Patent may be worthless even if granted.
The Patent examiners are not experts and cannot test their validity.
This Patent may be quite vulnerable to legal attack ... but it is
unlikely to be tested since I supect the X match folks will not sue
MFJ for putting a bypass switch or grounding switch into their
tuners for patent infringement.

Clark
WA3JPG

4502. ICOM IC-21AT WIDEBAND ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: sharples@tscan.com
Message-ID: <NEWTNews.835496197.10264.sharples@sharples.hooked.net>
Source record: 199091

I just bought one, it's great but I'd like to wideband it.
Anyone know which wires to cut/diodes to remove? Thanks!

4503. Re: help with making a clock

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31CCC080.7253@accessnv.com>
Source record: 199092

Dale "Squeak" Porray wrote:
>
> RHASKE41@MAINE.MAINE.EDU wrote:
> >
> > Hi. I'm looking for some help with a project. I'm trying to build a
> > clock, and am looking for plans and a schematic for a 6-digit digital
> > clock. I'd like to use standard 7-segment led units for the display,
> > and include an alarm if possible. If anyone out there has any info I
> > might be able to use, or any idea of where I might look for some, I'd
> > appreciate it. Thanks!
> > If all you are looking for is a "clock" (i.e., without making it a research
> project, with all sorts of explanations in a hundred-page thesis), then
> contact Digi-Key, in Thief River Falls, MN ... they have lots of clock chips
> ... needing only power supply, some switches, a backup battery and a case to
> complete.
>
> I have built about ten or fifteen of their clocks, both for myself and for
> friends, over the years, and they are s-i-m-p-l-e to use ... data sheets very
> good and easy to understand, etc.
>
> Good luck with the project!
>
> "Squeak" Porray, AD7K
> Manager, Amateur Electronic Supply/Las Vegas
>
> P.S. To all Newsgroup readers ... I am not trying to be more prolific than
> Gary Coleman ... I am just being prolific! ;-) Gary - you do a terrific
> job ... keep it up!!!!!! Thanks to everyone who helps everyone here ... I
> know it's appreciated! 73, "SQ"

Gary - sorry about that!!!~ I know it's Coffman, but just blew it!

73,

"Squeak"

4504. Any Alinco DR-605T mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: root@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <DtEpyu.2MI@iquest.net>
Source record: 199093

Help! I have a friend of mine who just purchased an Alinco DR-605T
and we are looking for any mods or keyboard modifications that can be done
to this radio. This is a realitively new radio. I think they said it just
got the FCC type acceptance about 2-3 weeks ago. Any help would be appreciated.

Brad A. Roberson
N9NDS@KA9DSA
brobers@holli.com
http://www.holli.com/~brobers

4505. Re: Any comments on SGC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-22 00:00:00 UTC
From: "Robert W. Lewis" <rlewis@staffnet.com>
Message-ID: <31CC9AC9.7BA4@staffnet.com>
Source record: 199094

Chris Dorn wrote:
>
> Hi,
> Came across the SGC webpage, have seen their ad in QST, and am
> wondering about their products. Whenever Hams talk about American made
> amateur products, Ten Tec is the name usually mentioned. I haven't really
> seen any comments on the SGC transceivers. Curious to know if any folks
> out there have had any experiences with SGC. Looks like quality gear.
> Chris VE6RDC

I use their automatic antenna tuner. Works great. Great service from
SGC too.

4506. MFJ 1278 Packet TNC for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: "B. Danielson" <n7rfm@empnet.com>
Message-ID: <31CD698E.4D54@empnet.com>
Source record: 198963

MFJ 1278 TNC for sale complete w/manual, works
and looks good, $150.00

Bruce, N7RFM
541-389-6496

4507. VHF Communications Magazine 2/1996

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Michael J Wooding <g6iqm@g6iqm.demon.co.uk>
Message-ID: <3gvOBKAs7WzxEwhR@g6iqm.demon.co.uk>
Source record: 198964

Hi All,

For those of you who already subscribe to VHF Communications and to
anyone who may be interested, issue 2/1996 of the magazine will be
shipped Monday June 24th,

For information on the contents of this issue or for any other info
regarding the magazine please take a look at our WWW sites.

UK: http://www.eolas.co.uk/ag/vhfcomm.htm
USA: http://www.clearlight.com/~vhfcomm

Regards ... Mike

--
Michael J Wooding G6IQM email: vhf-comm@g6iqm.demon.co.uk
http://www.eolas.co.uk/ag/vhfcomm.htm & http://www.clearlight.co./~vhfcomm
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
Tel: (0)1788 890365 Fax: (0)1788 891883
VHF Communications Magazine - Especially covering VHF, UHF and Microwaves

4508. Re: FT-50R soft voice problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4qjrb9$7qe@ssbunews.ih.lucent.com>
Source record: 198965

In article <4qc0rb$2ge@mrnews.mro.dec.com>,
<rosch@stow3.ogo.dec.com> wrote:

>I love my FT-50R. However I'm told I'm 'undermodulating'.

Recommend you buy a Yaesu FT50R service manual. It costs about $25.

From the service manual, here is the rear view of an FT50R
with the battery removed:

```
+-------------------------------------------+
| VR1001 VR1002 TC1001
|
| o o o
|
|
|
| O O O
|
| GND CHG +12VDC
|
|
+-------------------------------------------+
```

Notes:

VR1001 = VHF deviation adjust potentiometer
VR1002 = UHF deviation adjust potentiometer
TC1001 = PLL reference adjust trimmer
--
==========
Copyright 1996, Bob Parnass, AJ9S parnass@bell-labs.com

Locate & identify transmitters in your area with RadioMap(tm)

4509. Re: Info on Ameritron AL811

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: "Phillip S. Rutledge" <rut@mcrut.mv.com>
Message-ID: <31CDA44F.1101@mcrut.mv.com>
Source record: 198966

Roberto Manderioli wrote:
>
> Hi everybody,
> I'm looking for information on amplifier AL811 Ameritron (I have
> found a bargain) :
> Does it have WARC bands?
> How much power does it delivers ?
> Is there WEB site for Ameritron ?
>
> Thanks everybody
> 73 IK4JQW Roberto - Ferrara (ITALY)
> rmander@mopa.global.it

1) Yes, it covers WARC bands

2) Power out: 600 watts-- 811
800 watts-- 811H

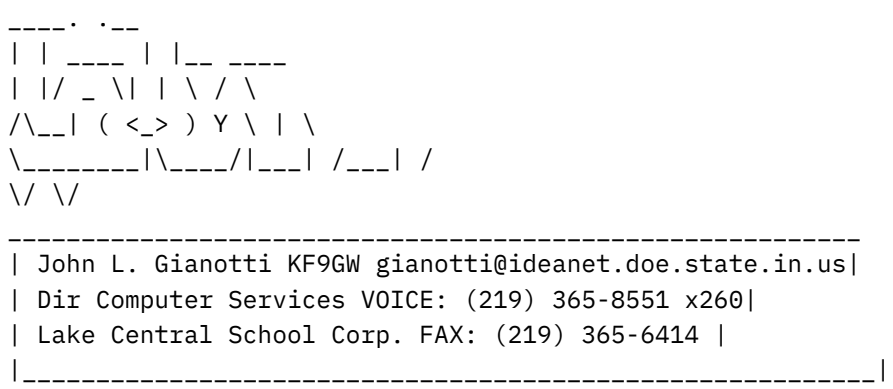
3) Don't know about web site.

73-- Fillipo

4510. Re: Ham-Equip Digest V96 #483

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: gianotti@ideanet.doe.state.IN.US
Message-ID: <31CD7D16.71A6@ideanet.doe.state.in.us>
Source record: 198967

Have been using the Master Charger for a couple of years. Great product
especially if you change radios a lot since you can buy a new charging
cup for your new radio for just a few bucks.



| John L. Gianotti KF9GW gianotti@ideanet.doe.state.in.us|
| Dir Computer Services VOICE: (219) 365-8551 x260|
| Lake Central School Corp. FAX: (219) 365-6414 |

4511. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: rpfox19@mailr.starnetinc.com
Message-ID: <4qk11t$aom@news0-alterdial.uu.net>
Source record: 198968
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

This could actually be good news for the community. Infusion of the Internet into our society may eliminate those who viewed amatuer radio as another form of CB. Once that crowd leaves the airways amatuer radio may return to the civil, and critical, service it was intended to be.

4512. Re: Help! Hallicrafters S-200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Jerry Robinson <JerryRobinson@worldnet.att.net>
Message-ID: <4qk244$mo5@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 198969
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

First thing I would do is to replace the filter capacitors in the power supply. They are usually easy to spot and are ususally in the 40uF at 350 volt range. I'm not familiar with your particular receiver, but I would imagine that the filter caps are probably housed in a cylinder mounter on top of the chassis (similar to the way tubes would be mounted). Replacing these caps will usually eliminate both problems.

In addition to replacing the filters, also invest in the time required to replace the B+ bypass capacitors. These guys are usually in the neighborhood of 0.1uF and are used to bypass the AC component (hum) in the plate and screen grid supplies. Look for them around each tube's plate and screen grid circuit.

Performing these simple mods should return your receiver to hum free operation.

73s

Jerry Robinson

JerryRobinson@worldnet.att.com

4513. Re: Info on ICOM ICZ1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: pleatman@laparoscopy.com
Message-ID: <31cd82a1.6771922@141.210.10.152>
Source record: 198970

On Thu, 20 Jun 1996 21:48:03 -0500, "spade@onramp.net"
<spade@onramp.net> wrote:

>Ambrosis wrote:
>>
>> If anyone can point me in the right direction for information about mods
>> for the Icom ICZ1A. I would greatly appericate it. I have looked in the
>> mod sites I have found on the web but I have had no sucess in locating
>> information for this paticular model. Thanks for your help.
>>
>> J P Slota <ambrosis@intac.com> KB2ZIV
>
>Remove the keypad and battery. Take out the four black screws and the
>two bottom silver screws holding the front and rear halves together.
>Separate the two halves and locate the small ribbon cable connecting the
>two halves. On the front half of the radio where the ribbon cable
>attaches, locate a small black rectangular diode (D-215 I was told).
>Use a soldering iron to lift the upper (towards the antenna) leg.
>Reassemble the two halves and operate (legally of course).
>
>I am not any kind of an expert in radio repair. This modification was
>copied by me from a friends radio (that had been performed by someone
>extremely knowlegeable) on my radio and has been working flawlessly.
>73's to you all. Danny.

There are supposedly 2 mods for the Z1A. The first one adds RX
118-136 AM AIR, RX & TX 136-174, 400-479 MHz.

The other one adds RX 800-999 MHz. One of the mods requires adding a
surface-mount transistor. I had them both done together in Dayton for
$50. Of course, it only took the guy 20 minutes to do it.

Good Luck. Mark

4514. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <31CDBE73.632D@ix.netcom.com>
Source record: 198971
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Gary Coffman wrote:
>
> In article <4qgvr9$5cc@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
> >gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> >
> >>>Jim, does bowling, or stamp collecting, or bird watching, or water
> >>>skiing provide a living for the people who engage in those activities?
> >>>Where did you get the idea that ham radio was or is a career move ?
> >>>Last time I looked, it was a hobby.
> >>>
> >>>73, Jim KH2D
> >
> >>This does seem to be one of the major problems of the amateur radio
> >>service today, too many people can't tell the difference between it
> >>and stamp collecting or bird watching or water sking. To these benighted
> >>souls, it is "just a hobby", of no value to their nation or themselves
> >>beyond a simple passtime.
> >
> >>Gary
> >
> >Come on, Gary. How many lives have you saved lately ? I'm not your
> >Congressman, nor do I work for the FCC. You don't have to use the
> >'service' line on me. The closest ham radio comes to being a service
> >is that it is self-serving. Some benighted souls get so engrossed in
> >thier hobbies that they confuse them with services or professsions.
> >Anybody who wants to save lives should join the volunteer fire
> >department and skip ham radio.
>
> There is a direct lifesaving aspect to the service, though that is
> not primarily what I meant. I have had occasion to do just that,
> however, when a trucker ran off the road, tore up 100 yards of
> guard rail and was impaled by a piece of it in his cab. It was
> late, there was no other traffic, and if I hadn't come along right
> after it happened and called the rescue squad, there's a very good
> chance he would have died.
>
> But our service encompasses much more than that. Sticking only
> with the public service aspect for a moment, there are the
> thousands of messages and phone patches I handled for our
> servicemen during the Vietnam War. Now few of those were directly
> life and death, but they were surely important to the people
> for whom they were made. That was of value to my community and
> nation (helped the morale of our troops if nothing else).

>
> But if you think our designation as a service only encompasses
> emergency messages or health and welfare messages, then you
> are sadly mistaken. Our service has four distinct charter
> purposes.
>
> Every time I chat with a foreign amateur, I mean really converse
> with them not just try to extract a postal card in order to count
> coup, I do my tiny bit to increase international goodwill as required
> by our service's charter.
>
> Every time I get a new circuit working, and share the results with
> others, I do my tiny bit toward the self-training and advancement
> of the art our service's charter requires. In fact, every time I
> can answer a question on the air, I do a little bit to help the
> self-training and advancement of the art aspects of the service.
>
> This is a service our nation expects from amateurs, to increase
> the general technical literacy and skills of our numbers. That's
> important to the nation because we live in a technological age,
> and the more persons in the population who gain a working grasp
> of some of that technology, the better we can function as a nation.
>
> And every time I log onto the packet network, or fire up the HF
> rig on 20m, I serve as a test load on the system, stressing it.
> Dr. Rohde credits amateurs with the improvement found in military
> and commercial receivers because only the amateur bands routinely
> put the sort of stress on the strong signal handling and selectivity
> of those receivers that the military would face in wartime.
>
> We're the world's largest beta test organization for communications
> systems, and we not only do it for free, we pay for the privilege of
> doing so out of our own pockets. Because we are demanding, and have
> some technical skill and knowledge, we quickly identify flaws in
> equipment offered to us, and if we don't come up with fixes ourselves,
> we spur the manufacturers to do so thanks to the competitive marketplace.
>
> No other radio service can duplicate those things to the degree
> which we do as amateurs. That we don't have to be paid to do it,
> and that we actually *enjoy* doing it in many cases, is just
> gravy. Bird watchers and stamp collectors don't provide those
> sorts of services to their nation or their communities. They
> just fill idle time with their activities. If that's all you
> do in amateur radio, then you are indeed not providing a service,
> and probably should be collecting stamps instead of occupying
> valuable spectrum.
>
> Oh, and I *have* been a volunteer fireman too, and a member
> of the rescue squad, not that those activities are related to
> amateur radio in any way except as other services to the

> community. We all have a responsibility as citizens to try
> to make a difference, to improve our communities and our
> nation. Sometimes we do that through direct actions, and
> sometimes we do that merely by improving ourselves. The
> latter often receives far too little recognition as being
> of value to the community and nation. Every little drop
> of water contributes to the flow of the river.
>
> Gary
> --

Very eloquently stated, Gary.

73,
Lindsay
WA4ISZ

4515. Dealer list ITALY (Kenwood, Icom, Yeasu)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: snowfire@dds.nl
Message-ID: <4qk9ai$3s0@news1.Belgium.EU.net>
Source record: 198972

Hi!

I'm looking for dealers from radio amateur equipment in whole Italy.
Please send me a list, or a place where I can get them in the
internet.
Or some fax numbers and adresses...

Tnx.
Reply to Efiten@dds.nl

4516. Mods for IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: dgold@web1.calweb.com
Message-ID: <slrn4srd38.mh4.dgold@web1.calweb.com>
Source record: 198973
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I am looking for any and all mods for the IC-Z1A. Mainly 800 and MARS/CAP.

4517. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31CDB84A.393F@ccsnet.com>
Source record: 198974
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Jim Kehler wrote:
> Come on, Gary. How many lives have you saved lately ? I'm not your
> Congressman, nor do I work for the FCC. You don't have to use the
> 'service' line on me. The closest ham radio comes to being a service
> is that it is self-serving. Some benighted souls get so engrossed in
> thier hobbies that they confuse them with services or professsions.
> Anybody who wants to save lives should join the volunteer fire
> department and skip ham radio.
>
> 73, Jim KH2D

I agree with you.
How does that make you feel?
Hams serve their own fat butts.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4518. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31CDB78E.5A53@ccsnet.com>
Source record: 198975
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Bob Fox wrote:
>
> This could actually be good news for the community. Infusion of the
> Internet into our society may eliminate those who viewed amatuer radio
> as another form of CB. Once that crowd leaves the airways amatuer
> radio may return to the civil, and critical, service it was intended
> to be.

Once that crowd leaves hardly anyone will be left except the
dead and dying.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4519. They do not come any phoneyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31CDB72F.2D72@ccsnet.com>
Source record: 198976
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Jim Kehler wrote:

> Come back and tell us when YOU are dying Burt, that's
> something we'd all like to hear.
>
> 73, Jim KH2D

So typical of a phoney ham, wish someone death and best regards
in the same message.
You speak for all?
What is dying is hihi ham radio.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4520. is tar a conductor?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: "Daniel B. Mills" <millsd@river.it.gvsu.edu>
Message-ID: <Pine.HPP.3.91.960623172324.22376A-100000@river.it.gvsu.edu>
Source record: 198977

I messed up somehow, I think.

My new 160 meter full wave horizontal loop performed beautifully (I recommend the design highly.. quiet and powerful). However, it stopped working after I put the discharge device (lightning preventor) in line and tarred the feed point. I replaced the discharge device with a pig tail and the antenna still checks bad.

Is plastic roof cement an RF conductor?

73

N8PPQ/KC8AYZ

4521. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Madjid SuperUser <orion@odyssee.net>
Message-ID: <31CDE35E.4882@odyssee.net>
Source record: 198978
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Burt Fisher wrote:
>
> Kenwood and Microsoft agree ham radio is dying.
> (but I told you that a long time ago)

That's scare tactics and Marketing strategy. Kenwood and other
manufacturers are pressing for No-code licences. I bet that Kenwood's
Sales Manager Paul Middleton KD6NUH, is a no-code advocate.

About Microsoft, so what. They dumped their ham radio forum from
I don't know where, who cares. We got plenty of sites on the WEB
and Compuserve.

About Kenwood, I use a Kenwood HF RIG but next rig will be
YEASU or TEN-TEC. Vote with your wallet !

Madjid VE2GMI
--
And God said, "Let there be light." And there was light,
but Microsoft said he would have to wait until Thursday
to be connected to Internet.

And God saw the light and it was good.
Then he saw the bill and that was not good. He became a Ham (G0OD)

4522. Re: Info on Ameritron AL811

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31CDCAA1.2488@accessnv.com>
Source record: 198979

Roberto Manderioli wrote:
>
> Hi everybody,
> I'm looking for information on amplifier AL811 Ameritron (I have
> found a bargain) :
> Does it have WARC bands?
> How much power does it delivers ?
> Is there WEB site for Ameritron ?
>
> Thanks everybody
> 73 IK4JQW Roberto - Ferrara (ITALY)
> rmander@mopa.global.it

Since the (U.S.) power limitation on 30 Meters is low, most amplifiers do not cover this band.

20 Meter coverage is generally wide enough to work on 17 Meters.

15 Meter coverage is generally wide enough to work on 12 Meters.

If your amplifier was originally made for the U.S. market, it will not have 10 Meter coverage, but can be easily modified for operation on that band ... a photocopy of your Amateur License, sent directly to the manufacturer, will bring you the modification information.

The above applies to almost any amplifier.

Good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4523. Re: 2 meter help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: doc@dxnet.com
Message-ID: <31c9fddf.3909122@news.dxnet.com>
Source record: 198980

Robert,

Great stuff! Two meters will open a whole new world of communications for you! Scan the band and soon you will find a frequency/repeater that appeals to your own likes and needs. For not-too-much money, you can have a outstanding station with loads of modern features. Most repeater and simplex groups will welcome you warmly.

Repeaters link states, counties, cities and more. The rule of thumb is, what you can see, you can talk to. Repeaters are installed (almost always) at some vantage point. Mountain tops are the first choice. Communications towers (TV, radio, etc.) are other good choices. Water towers work fine too! Almost any location with elevation will do. Some locations operate from solar panels, so power requirements can still be met. Many offer free telephone patches and most don't

In general, a Repeater receiver listens to channel 'A'. The signal is processed and "repeated" (re-transmitted) out on channel 'B' with a stronger signal and with improved range. Almost everyone talks on 'A' and listens on 'B'. Repeater Control Functions take place on channel "C".

Other VHF operators are more than satisfied with Simplex operations. Direct contacts without the 'bells and whistles' appeal to the simplex user most.

Robert, get ready for some really nice features in todays modern FM tranceivers! Expect excellent audio and outstanding sensitivity. After years of working the HF bands, you will soon appreciate a true squelch too! All of the above features and more will soon spoil you.

In my estimation, Yaesu makes some of the finest ham communications around. Applause for the technical staff there too. Yaesu is strides ahead of oher manufactures I have used in the past. Kenwood and Icom both leave much to be desired if service is ever required. Most other brands go downhill from there.

DO take a moment to check-out JUN's home page. Each month they offer "Internet Specials" and just last month they offered a very nice YAESU, 50 watt 2-Meter Tranceiver for $249! That included PL, 40 memories and a *TouchTone mike too;
http://www.juns.com/radio/index.html

*DO get a copy of a current Repeater Directory. The ARRL version leaves much to be desired, but will do in a pinch. Ask your local radio store for recommendations. Here in Southern California, The Repeater Location Guide is the directory of choice.

* DO get a tranceiver that you can program. A minimum of 10 channels, please. Crystals are much too expensive to purchase for multi-channel operations. Make a portable/hand-held radio your second choice.

* Insist on P.L. (Private Line, sub-audiable tone) adjustable ENCODER. If the radio offers P.L. Decode as well, all the better!

* Most tranceivers offer adjustable power levels. This is a desirable feature because the lower power levels are fine for most repeaters and if you should desire to use your radio with a Gell Cell battery for camping, etc. High power is fine for most mobile operations, but in general, low/medium power will do fine in the city.

* A omni-directional gain antenna (Diamond or Comet) is a very good choice for base operation. Use good coax. Keep the run short. A simple ground plane is quick and dirty, but as long as you are doing a install, do it well. You can't work what you can't hear. A length of 1 1/2" EMT conduit makes a fine rigid mast. WATCH THE POWER LINES!

* For mobile work, a 19" whip antenna is low profile and can keep your radio a little safer. For gain, a 5/8 wave Larsen is a very good choice. Expect to pay about $50.

* Used radios CAN be a problem. Often it is a intermittent problem or the power output module may have low power out. In general, a used radio may save you $100 from the 'new' price, but can also present a whole array of problems. If possible, spring for that new radio and get a one year warranty while you are at it! If you buy a used radio from a dealer, make SURE some kind of warranty or 'trade-up' offer is included!

Robert, I hope you have found this all to be somewhat inspiring. Like you, I have a General Class license and a Kenwood TS-440S for my HF work, but I very seldom use it. You will find me on the VHF and UHF bands!

73's, Robert.

Tony
WA6IGJ
aka Uncle T.

>(Robert Patten) wrote:

>Help! What do I need to know to get on 2 meters? Have had a General
>ticket for years but have never been on VHF bands. Whats's the best
>rig to use on a boat or in a car and what's the best antenna? How do
>the repeaters work? Thanks for any encouragement you can give me
>about 2 meters.

4524. Re: FT990 Shutdown problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun23.194108.27962@ke4zv.atl.ga.us>
Source record: 198981

In article <4q2i1i$a7q@su3.in.net> lwyager@in.net writes:
>I have encountered a nagging problem with my 990 and I hope someone
>has run into the same thing or perhaps can offer some ideas on what
>it's source/cure is.
>When running digital modes (rtty, pactor, amtor) the 990 will stop
>transmitting after approx 2 minutes, 20 seconds (+/- a few). The
>Kam+ is still indicating that it is transmitting as does the Kawin
>software. The 990, however, has switched to receive. This only
>happens on digital modes... key down time on cw into a dummy load is
>well past this time. The power output in all tests is about 10W.
>So far I haven't been able to come up with an idea. Perhaps it's time
>to send it in for warranty service?
>Any input will be greatly appreciated.
>Tnx es 73, KG9DE (Larry)
>lwyager@in.net

Well, before you box it up and ship it back to Yahoo, make sure
the KAM isn't lying. Hang a meter on the PTT line and see if the
KAM is *really* still telling it to transmit. Several things in
the KAM could be causing the problem. The PTT line has to be
held rather close to ground potential to keep the rig keyed.
The keying transistor in the KAM could be flaky, or the KAM
may be going stupid. Or it might be your interface cable isn't
quite as well made as you think.

Or, due to the rather consistent behavior, it could be a timeout
timer in the KAM expiring. I hear that they finally put a hardware
timeout in their TNCs so that when (not if) the TNC goes stupid it
won't leave your radio keyed forever as happened to me several times
with the KPC-1.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4525. Re: recomend emergency generator

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun23.195657.28066@ke4zv.atl.ga.us>
Source record: 198982

In article <4pvdcc$fdk@news1.sunbelt.net> JBASINGER@skybest.com writes:
>I am looking to buy a generator in the 350 to 500 watt range to run emergency
>electronics. Honda has a 350 watt unit but sells for $470 I would like to
>know what else it available for a lesser price tag.
>
>jbasinger@skybest.com

Honda is your best bet in the itty bitty generator range. In larger
sizes, IE 1-3 kW, Yamaha and Kawasaki also make good units. The
Coleman units are cheap, but they're cheap, if you get my drift.
Bigger than 5 kW, look at Onan and China Diesel.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4526. Re: * Which is better: IC-706 or TS-450s ? *

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun23.202332.28217@ke4zv.atl.ga.us>
Source record: 198983

In article <4qarjh$3sj@chile.it.earthlink.net> rogerjb@earthlink.net (Roger J. Buffington) writes:
>In <4q5ck9$ig9@epx.cis.umn.edu>, ibra0002@gold.tc.umn.edu (Ayman Ibrahim) writes:
>>I am in the market for a new Trmtr/Rcvr. Can't decide between the
>>IC-706 or TS-450s. Woulld appreciate your input via email.
>>
>I would suggest to you that the two radios are not comparable; they are
>designed to meet different needs.

YES.

>The 706 is an adequate HF radio, but the receiver has certain drawbacks due
>to its design. Additionally, the radio's menu/controls are generally agreed to
>be hard to use since there are layers of menus in place of front panel controls.

I disagree emphatically. The control system is ideal for mobile use.
After about an hour learning curve, operating the radio becomes an
automatic thing, not requiring you to take your eyes off the road
to access most features. I think the interface is inspired.

>The 706 offers 6/2Ms, which is a huge plus for many hams.

YES. But for the all-mode aspect, not as a replacement for a 2m/70cm
FM mobile rig.

>I just made the same comparisons you are making; I chose the Yaesu FT-900.
>It is smaller by far than the 450S, has about the same capabilities as a base
>station radio, and has a detachable front panel. It does not, like the 450,
>offer VHF, as does the 706.

Good radio. I think it's a bit big for some of today's cars, and the
panel is cluttered, but it works very well on HF. No 6m or 2m SSB
of course.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4527. IC-706 RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Darren Ream <dream@post.cis.smu.edu>
Message-ID: <31CDD8C9.42BD@post.cis.smu.edu>
Source record: 198984

I just purchased a 706 and it's a great radio. I agree the menu system is somewhat confusing at first, but it's no worse than a full-featured HT.
My only concern is that the receive level seems to be way down. I've compared it to my IC-2000 in the shack, and using the same antenna, the IC-2000 hears at S9 what on the 706 comes in at an S3 (w/o the pre-amp; w/ the pre-amp it comes up to about S7-8). I know it's not S-meter calibration, because a full quieting S3 signal on my 2000 isn't even heard on my 706. HF is the same story.
Should I bring it back to the dealer and have them check the receiver alignment? or am I overlooking something else (I've checked that the RF gain is wide open)?
It receives just fine when I run the pre-amp, roughly equal to my non-pre-amp equipped radios, but I feel the pre-amp should be good for extra receive, not just to bring it up to par.
Any suggestions?
Thanks,
Darren Ream, KC5OUH

4528. Re: They do not come any phoneyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Jim Chandler <jwc@a.crl.com>
Message-ID: <31CDE718.4444FD2C@a.crl.com>
Source record: 198985
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Burt Fisher wrote:
>
>

Does anyone know if Netscape has a kill file? I was using
News Express and it was great for eliminating the noise. If
Netscape's does not, I may have to go back. 73.

4529. yaesu frg-9600 interface

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: felix8@aol.com
Message-ID: <4qkpp8$pfu@newsbf02.news.aol.com>
Source record: 198986

hi all,

does anyone know of a program that will run the frg-9600 with a CAT interface. shareware preferably . i created a BASIC program but it is too slow and not complete .

thanks

dave

4530. Help with 900 Mhz RCA Repeater!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Matt Strandberg <mattstr@primenet.com>
Message-ID: <4qkthi$buf@nnrp1.news.primenet.com>
Source record: 198987

Hi and thanks for reading this message. I recently acquired a 900 Mhz repeater, by RCA. It is a model RCA Series 900. I don't know much about it, but the Serial Number is 1285-T-064, and it is a rack-mount system. I looked it over, and I would like to get a service manual for it, and/or some information on tuning it down to the 902-928 Mhz ham band, and to switch out the crystals. I found the transmit crystal, but can't find the receive crystal (there are quite a few crystals; don't know which crystals are for what purpose).

If you have a service manual or some information on this equipment, please contact me.

Thanks and 73
Matt Strandberg, KJ7DX
mattstr@primenet.com

4531. Re: Government's Grab on m1/4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Jack Daniel <jdaniel@earthlink.net>
Message-ID: <31CE0A93.6FB8@earthlink.net>
Source record: 198988

Roger Cravens wrote:
>
> OK folks, I'm very late on this, but when QST magazine came out with the
> notice that NTIA and the FCC were trying another highjacking of
> bandwidth, I went and got the info, then received permission to post it
> all over as far and wide as I could. So I am.
>
> This is NOT just for the US, it also involves Canada because the
> Canadian government wants to do the same thing in concert with the U.S.
> So HEY CANADA - YOU ALL LISTENING UP THERE?
>
> The FCC ripped of part of the 200mHz area from the amateur radio
> community and gave it to an overnight delivery service. They have YET
> to use that frequency area. Then congress thought it was just be a real
> neat idea to rip off the 800mHz cell phone area and were bought off by
> the mega-buck cell phone companies.
> ..... etc, etc.................

Roger, It's good to see you getting the word out ...BUT.....

I don't think it helps anyone's position when they use incorrect
information to make a point, instead it makes the whole argument
questionable.

The FCC DID re-allocate 2 MHz of the amatuer band to commercial radio
users AND United Parcel Service (UPS) was one of the original supporters
of this because they wanted some nationwide data channels.

Now the rest of the story....

1. The FCC made this relatively small 2 MHz band into 200 5 (Yes, FIVE)
KHz wide channels and then let any commercial user file an application
for these channels. They got over 56,000 applications, each for up to 100
mobiles each!

2. The response overwhelmed the FCC and the radio manufacturers had to
develop 5 KHz channellized radios, so it took over a year to get this
straightened out before any commercial use was even possible.

Curiously enough, UPS was NOT successful in getting the channels they
wanted, so they went elsewhere (cellular).

3. Depite several lawsuits and other things to delay the use of the 2 MHz
band, there are a very large number of commercial trunked systemns now on
the air and working well.

A manufacturer call SEA, Inc in Washington state has been the unquestionable leader for developing 5 KHz products. They have been delivering repeaters, mobiles and SMALL size portables for some time now. Other companies are rumored to be delivering a few radios but they are very long on talk and very short on REAL products and a experience.

4. As far as "They have YET to use that frequency band", here in the Los Angeles area there are over 200 repeater channels ON THE AIR .. TODAY.. and over 2000 mobiles in operation and thousands of more on the way.

I know because I use one myself and I know people who are using 220 MHz commercial radios in every major city in the US.

I know it's hard for anyone to loose frequencies because they will NEVER get them back again.

I think there's a very inportant message to amatuers here, and it's simply "USE IT OR LOOSE IT!"

We can't let our emotions overcome the real truth about 220 MHz. It WAS not being used enough to prevent it's loss. The commercial use of the 220 band has exceeded amatuer use by miles, and its only started.

It's not just enough to just use the bands that just happen to come in the latest, cheapest imported ham rig. Hams HAVE to get back to building or modifying gadgets that use the spectrum we have, hopefully gaining the respect of other spectrum users for our imagination and creativity.

Let's not give up spectrum because it's not easy to use it!

Jack Daniel KD6YVL, A TECH + and damned proud of it!!!

4532. Re: FT-900at Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31CE1DBA.242@accessnv.com>
Source record: 198989

If you need it, Yaesu Tech Service is available at 310 404 2700.

Good luck, and very 73!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4533. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <31cdd481.27685540@snews.zippo.com>
Source record: 198990
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

On Sun, 23 Jun 1996 17:30:54 -0400, Burt Fisher <k1oik@ccsnet.com>
wrote:
>
>Once that crowd leaves hardly anyone will be left except the
>dead and dying.
>
... and K1OIK, he will never give up his ticket.

4534. Re: SB-200 to 6M? help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <31CC94D0.6A2A@worldnet.att.net>
Source record: 199095

W8JI Tom wrote:
>
> In article <4qfuen$c0o@insosf1.netins.net>, boblucas@netins.net (Bob
> Lucas) writes:
>
> >
> >Need help finding info on converting a Heath SB-200 to 6Meters... or
> >would buy one if converted...anyone know of the info, or anyone do this
> >kinda work? boblucas@netins.net
> >
> >
> >
>
> Bob,
>
> I can't think of a more difficult amp to convert.
>
> 572's and 811's barely work at 30 MHz, the long thin grid leads inside the
> tube envelope are the primary problem. Since the problem is inside the
> tube, there is little that can be done to fix it.
>
> 73, TomThe last conversion article for the SB200 to 6M that I remember was in
QST back in 1967 or 68. At the time I said Aha the tubes do work on 6.
I built a 6M only amp quite similar to the SB200 design. The original
article used about 1 turn of the existing coil; the single band design
without all the strays had about 3 turns. Peformance was about 400W out
with a lower plate voltage (~15-1600 under load) since that was the
transformer I had. It can be done but efficiency will be poor if you
keep the existing plate circuit in place for other bands.
John K4BNC

4535. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: drgrant@zipnet.net
Message-ID: <31cc995f.9407493@news.zipnet.net>
Source record: 199096
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

On 5 Jun 1996 15:52:18 GMT, kilgore@wichita.tivoli.com (Jeff Kilgore) wrote:

:In article <4p088q$14u@news.cloud9.net>, jkolin@cloud9.net (Jay Kolin) writes:
:|> In article <4olsol$5li@dfw-ixnews8.ix.netcom.com>, travisp@ix.netcom.com (Gerald Phillips) says:
:|> >
:|> >I am thinking about buying an MFJ HF tuner (specifically the 300w one
:|> >with dummy load, etc.) Looking on some feedback about them and any
:|> >expereiences (good or bad) folks have had. Also reccomendations on
:|> >other tuners is fine also. Thanks.
:|> >
:|> >KE4MBD
:|> >Gerald
:
:IMHO, everything made by MFJ that I have ever seen is junk. Poor
:quality components, shoddy assembly, and non-existent quality
:control. It might seem like a good deal, but it's actually kind
:of expensive for junk. Spend a bit more and get something decent.
:
:73,
:Jeff, KC1MK

Most of it is Junk- hence the name- MFJ:
Mighty Fine Junk

I'd much prefer to spend a little time and make a homebuilt tuner. If you do get MFJ, get the ham handbook out, and a lot of tools, because that MFJ device is going to need a lot of work.

4536. Raspiness in Alinco DJ-582 speaker normal?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: drgrant@zipnet.net
Message-ID: <31cc91b8.7448045@news.zipnet.net>
Source record: 199097

I recently purchased an Alinco DJ-582. The speaker is somewhat raspy and scratchy((but still tolerable), but when I use the external mic speaker or another speaker, the audio is much better. Is the internal speaker in the 582 just plain bad or did I blow the speaker or something? I dont understand how I could blow the speaker, as I never brought the volume all the way up... Any other users' opinions welcome. If you are going to reply, please post and email.

-Mike Capone
N1RSR

4537. Re: Feedback on MFJ HF tuners please.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: drgrant@zipnet.net
Message-ID: <31cc9a45.9637555@news.zipnet.net>
Source record: 199098

```
:
:L networks (falsely called Pi's by some manufacturers) handle much more
:power, but have a much more restricted matching range. There's just no
:free lunch in tuners.
:
:73 Tom
```

I'm not sure, but these ones that we've been cranking out, with the help of a GREAT elmer, are capable of legal limit no problem. We use vaccum variable caps and HUGE roller inductors. These boxes usually tune ANYTHING given enough knob cranking and patience.

-Mike Capone
N1RSR

4538. Standard C5608D

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: kb2oci@ix.netcom.com
Message-ID: <4qi90f$r91@dfw-ixnews4.ix.netcom.com>
Source record: 199099

Is there anybody out there that knows the expanded xmit and receive for this radio ?

If so I can reached at kb2oci@ix.netcom.com

Thanks

4539. Icom T7A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: kb2oci@ix.netcom.com
Message-ID: <4qi8fm$iar@dfw-ixnews7.ix.netcom.com>
Source record: 199100

Is there anyone out there that has the expanded transmit mods for this radio ?

If so I can be reached at kb2oci@ix.netcom.com

Thanks

4540. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: bmicales@facstaff.wisc.edu
Message-ID: <4qi8qr$ru0@news.doit.wisc.edu>
Source record: 199101
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <4qgvr9$5cc@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net says...
>
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>This does seem to be one of the major problems of the amateur radio
>>service today, too many people can't tell the difference between it
>>and stamp collecting or bird watching or water sking. To these benighted
>>souls, it is "just a hobby", of no value to their nation or themselves
>>beyond a simple passtime.
>
>>Gary
>
>Come on, Gary. How many lives have you saved lately ? I'm not your
>Congressman, nor do I work for the FCC. You don't have to use the
>'service' line on me. The closest ham radio comes to being a service
>is that it is self-serving. Some benighted souls get so engrossed in
>thier hobbies that they confuse them with services or professsions.
>Anybody who wants to save lives should join the volunteer fire
>department and skip ham radio.

Jim,

Not to take anything away from the wonderful job that many volunteer organizations do for public safety (which does include amateur radio). However, amateur radio is SO much more than just saving lives in order to fulfill a service. There such things as weather watches, public services in events (MS society use hams in some of its functions). Not to mention supplying "backup" communications in times of disasters.

Is amateur radio a hobby...yes and no. In order to prepare ourselves, our equipment must be checked, procedures tested, people trained. The best way of doing all these thing is to use your equipment and skill at all times. Therefore, after a while it does appear to be a hobby since all that we appear to be doing is taking with each other. However, in reality we are just preparing for the day when we might be call on to provide assistance.

Yes, there some hams that do take themselves to seriously...name me a hobby that does not have these. However, on the whole I have found hams to be willing to share their information and enthusiasm with people would are interested. Those people not interested in this service/hobby should not be bothered. Not because we are snobs but rather it is the correct and polite think to do (IMHO).

Not all of use can become volunteer fire fighters, but still wish to serve the public. There are many ways that this may be done...amateur radio is just ONE of those ways.

73 es CUL
Bruce Micales
WA2DEU

4541. IC 2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: kb2oci@ix.netcom.com
Message-ID: <4qi951$go2@sjx-ixn3.ix.netcom.com>
Source record: 199102

Is there anybody out there that knows the mods for expanded xmit and receive for this radio ?

If so I can be reached via kb2oci@ix.netcom.com

Thanks

4542. Re: Hold function for RS freq counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: drstout@cencom.net
Message-ID: <N.062296.212140.90@cencom.net>
Source record: 199103
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew
Body handling: Inline uuencoded payload not displayed: countr.mod

On 6/20/96 7:16AM, in message <4qbff4$bgg@freenet-news.carleton.ca>, Mark Boyer <ag368@FreeNet.Carleton.CA> wrote:

>
> Could someone please repost the mod. I thought I had my screen capture
> enabled and when I went back to re-read the file I could no longer find
> the article in the newsgroup.
>
> thanks much.
>
> --
> Mark Boyer VE3MJB ag368@freenet.carleton.ca
> mboyer@cyberus.ca
>
> If diamonds are a girls best friend, then gravity must be her worst enemy!

Mark,
Here is that post. I use it all the time.
DRS
AKA:KE4HVD

[Inline uuencoded payload not displayed: countr.mod]

4543. Re: Homebrew Microwave Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun23.011455.23632@ke4zv.atl.ga.us>
Source record: 199104
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4qgmki$2gjs@info4.rus.uni-stuttgart.de>
moritz@ipers1.e-technik.uni-stuttgart.de () writes:
>As a matter of curiosity, Is there a hope to find a QSO-partner
>on 10GHz WBFM? When I finished my WBFM TRX 10 years
>ago, it turned out that everyone else here had moved to SSB.

The only thing I've found that works is to build them in pairs,
then loan one of them to another amateur.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4544. FOR SALE: Icom IC-T22A & Astron RS-4A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: dapence@dapence.com
Message-ID: <31ccc02e.1515845@news.pacbell.net>
Source record: 199105

For Sale

1: An Icom IC-T22A FM Transceiver in mint shape. It should be in mint shape because I bought it about 3 weeks ago for a purpose that is no longer needed. Still has it's box and manual and Icom's warranty.

2: An Astron RS4A Power Supply also 3 weeks old and in just as great shape.

Both for $250.00

If interested please e-mail dapence@dapence.com

Thanks

4545. Re: BAND THREAT: Sample Letter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: n8vna@aol.com
Message-ID: <4qio29$6ps@newsbf02.news.aol.com>
Source record: 199106

I will assume that you do not know the benefits that amateur radio has given
to this small community we call Mother Earth. When Hurricanes Andrew and Opal (I was in the middle of Opal) made landfall, it was ham radio operators who risked everything to maintain communications, NOT FEMA OR THE RED CROSS.
During and after the Mexico City earthquake, again it was hams who provided
communications because the telephone system didn't work. Same for the Los Angeles earthquake. And the volcano in the Phillippines. The footage you saw
on CNN when the Iraqis invaded Kuwait was sent out by a ham radio operator via Amateur Television. The first communications satellite put in space was not by a commercial enterprise but by amateur radio operators who developed the technology that enable your company to exist today. Ask your engineers and scientists which of them are hams and you'll find quite a few. The Vice President of the United States is a amateur radio operator. Most of the astronauts are hams. Most of the communication technicians and engineers in the military, I'm in the Coast Guard, are hams as well as in NASA. Taking of the spectrum away from us will also cause a loss of jobs in the high technology field because hams are not going to buy or build what we can't use. A loss of jobs will mean a loss of market for paging and other types of communication services. Your actions can and will effect everyone's bottom line.

73's Jeff AMPRnet: n8vna@switch.k4ry.ampr.org
Headland AL Packet: N8VNA@K4RY.#CENAL.AL.USA.NOAM
"workin' the birds" Internet: n8vna@amsat.org

73's Jeff AMPRNet:
n8vna@switch.k4ry.ampr.org
Headland AL AX.25:
n8vna@k4ry.#cenal.al.usa.noam
"working the birds" Internet: n8vna@amsat.org -or-
n8vna@aol.com

4546. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: yves@g4udt.demon.co.uk
Message-ID: <ADF2B33A96682742@g4udt.demon.co.uk>
Source record: 199107
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

In article <31cbb0a7.1542294@news.dial.pipex.com>,
walt@dial.pipex.com (Walt Davidson) wrote:

>yves@g4udt.demon.co.uk (Yves Remedios) wrote:
>
>>I would have thought that the mod info is well worth the cover price of the
>>magazine, particularly as I know many others have tried this modification
>>and nobody has succeded so far...
>
>In that case, if we buy the mag and the mod doesn't work, do we get
>our money back?

What's the matter with you Walt? Been out in the sun for too long?

4547. WANTED: Amiga HAM Radio Software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: davidm@hous.inmet.com
Message-ID: <DtG3LD.6r7.0.-s@inmet.camb.inmet.com>
Source record: 199108

All:

I am looking for Amiga compatible HAM radio software.
If anyone knows of any let me know.
Thanks
David

4548. Mirage BD-35 Good/Bad ??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: slehman@moose.uvm.edu
Message-ID: <4qibo9$3ng@swen.emba.uvm.edu>
Source record: 199109

I'm considering to buy a Mirage BD-35 vhf/uhf amplifier to use with a
Yeasu FT50R or FT51R.
Is this ampifier worth buying?
What do you like or don't like about it?
How is this amplifier compared to RF Concepts 2/70 amplifier?

Thanks in advance...

4549. WANTED: Mods for IC-W31A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: Brent Madson <bmadson@nova.org>
Message-ID: <31CD4161.22AE@nova.org>
Source record: 199110

If anyone has the mods for the IC-W31A dual band HT,
would appreciate if you could post in news group
or E-Mail them to bmadson@nova.org

Thanks in advance from KB7NBZ

4550. Info on Ameritron AL811

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: rmander@mopa.global.it
Message-ID: <4qjgn4$5ot@server-b.cs.interbusiness.it>
Source record: 199111

Hi everybody,
I'm looking for information on amplifier AL811 Ameritron (I have
found a bargain) :
Does it have WARC bands?
How much power does it delivers ?
Is there WEB site for Ameritron ?

Thanks everybody
73 IK4JQW Roberto - Ferrara (ITALY)
rmander@mopa.global.it

4551. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun23.143642.26337@ke4zv.atl.ga.us>
Source record: 199112
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <4qgvr9$5cc@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>>Jim, does bowling, or stamp collecting, or bird watching, or water
>>>skiing provide a living for the people who engage in those activities?
>>>Where did you get the idea that ham radio was or is a career move ?
>>>Last time I looked, it was a hobby.
>>>
>>>73, Jim KH2D
>
>>This does seem to be one of the major problems of the amateur radio
>>service today, too many people can't tell the difference between it
>>and stamp collecting or bird watching or water sking. To these benighted
>>souls, it is "just a hobby", of no value to their nation or themselves
>>beyond a simple passtime.
>
>>Gary
>
>Come on, Gary. How many lives have you saved lately ? I'm not your
>Congressman, nor do I work for the FCC. You don't have to use the
>'service' line on me. The closest ham radio comes to being a service
>is that it is self-serving. Some benighted souls get so engrossed in
>thier hobbies that they confuse them with services or professsions.
>Anybody who wants to save lives should join the volunteer fire
>department and skip ham radio.

There is a direct lifesaving aspect to the service, though that is
not primarily what I meant. I have had occasion to do just that,
however, when a trucker ran off the road, tore up 100 yards of
guard rail and was impaled by a piece of it in his cab. It was
late, there was no other traffic, and if I hadn't come along right
after it happened and called the rescue squad, there's a very good
chance he would have died.

But our service encompasses much more than that. Sticking only
with the public service aspect for a moment, there are the
thousands of messages and phone patches I handled for our
servicemen during the Vietnam War. Now few of those were directly
life and death, but they were surely important to the people
for whom they were made. That was of value to my community and
nation (helped the morale of our troops if nothing else).

But if you think our designation as a service only encompasses
emergency messages or health and welfare messages, then you

are sadly mistaken. Our service has four distinct charter purposes.

Every time I chat with a foreign amateur, I mean really converse with them not just try to extract a postal card in order to count coup, I do my tiny bit to increase international goodwill as required by our service's charter.

Every time I get a new circuit working, and share the results with others, I do my tiny bit toward the self-training and advancement of the art our service's charter requires. In fact, every time I can answer a question on the air, I do a little bit to help the self-training and advancement of the art aspects of the service.

This is a service our nation expects from amateurs, to increase the general technical literacy and skills of our numbers. That's important to the nation because we live in a technological age, and the more persons in the population who gain a working grasp of some of that technology, the better we can function as a nation.

And every time I log onto the packet network, or fire up the HF rig on 20m, I serve as a test load on the system, stressing it. Dr. Rohde credits amateurs with the improvement found in military and commercial receivers because only the amateur bands routinely put the sort of stress on the strong signal handling and selectivity of those receivers that the military would face in wartime.

We're the world's largest beta test organization for communications systems, and we not only do it for free, we pay for the privilege of doing so out of our own pockets. Because we are demanding, and have some technical skill and knowledge, we quickly identify flaws in equipment offered to us, and if we don't come up with fixes ourselves, we spur the manufacturers to do so thanks to the competitive marketplace.

No other radio service can duplicate those things to the degree which we do as amateurs. That we don't have to be paid to do it, and that we actually *enjoy* doing it in many cases, is just gravy. Bird watchers and stamp collectors don't provide those sorts of services to their nation or their communities. They just fill idle time with their activities. If that's all you do in amateur radio, then you are indeed not providing a service, and probably should be collecting stamps instead of occupying valuable spectrum.

Oh, and I *have* been a volunteer fireman too, and a member of the rescue squad, not that those activities are related to amateur radio in any way except as other services to the community. We all have a responsibility as citizens to try to make a difference, to improve our communities and our nation. Sometimes we do that through direct actions, and sometimes we do that merely by improving ourselves. The latter often receives far too little recognition as being

of value to the community and nation. Every little drop
of water contributes to the flow of the river.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4552. Light on Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: scooter@wwa.com
Message-ID: <4qknir$6e8@kirin.wwa.com>
Source record: 198991

Has anyone had a problem with half of the display not lighting up on the FT-2500M? I guess a light burned out.

Scott

4553. Re: Help! Hallicrafters S-200

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: tony@bright.net
Message-ID: <4qkp79$e78@cletus.bright.net>
Source record: 198992
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

gbelton@mailhost.tcs.tulane.edu (Gerald Belton) wrote:

>I recently found a Hallicrafters S-200 receiver at the Salvation Army
>store, priced at $12.50 so naturally I bought it. It's an AM-only
>receiver for the shortwave broadcasting bands. It uses 4 tubes and
>appears to have been manufactured in the 1960's.

>It has two minor problems:

>1 - a fairly loud hum that does not respond to the volume control. I
>could live with this, but I suspect it may be related to problem 2.

>2 - a very harsh, raspy quality to the audio. It sounds sort of like
>what you hear when a SSB receiver is set just a bit off frequency, or
>like very rapid picket-fencing on FM.

>If anyone has a schematic for this radio, I will gladly pay copying
>and postage costs. Any advice on what may be causing the above
>problems would be greatly appreciated.

This is symptomatic of a bad filter capacitor. Replace the filter(s),
and you should be set. Use a filter with equal or greater capacitance
and voltage ratings, and be check to observe polarity.

Good Luck, and keep 'em glowing,

Tony

4554. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <4qkrfh$6f@dfw-ixnews7.ix.netcom.com>
Source record: 198993
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In <charles1Dt4En2.3zu@netcom.com> charles1@netcom.com (charles copeland) writes:
>
>I recently got my general, and have trying my luck on HF voice
>using a TS820 running 100 watts, antenna tuner, and a 64 foot folded
>dipole at 7' in my first floor apartment (also a Carolina Bug Catcher
>sitting on mag mount on floor with two 30' folded counter poise wires).
>
>My luck has been rotten, (with exception of 10 meters). I've talked
>to three HAMS on 20 meters only to have to struggle just to get
>them to recognize my callsign.

4555. FT-900at Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: prvalko@vela.acs.oakland.edu
Message-ID: <4qkucu$6e5@news2.acs.oakland.edu>
Source record: 198994

Hi!

I just discovered my FT-900 has developed a curious "white noise" in the receiver!

The noise is S9 and can ONLY be heard between 1.800 Mhz and 14.49999 Mhz. Just one click of the main tuning knob beyond these limits and the noise COMPLETELY goes away. The receiver still works but copy (naturally) is difficult through the noise.

Anyone else come across this? I hate like hell to have to send it in, does Yeasu have any tech support?

73 =paul= wb8zjl

4556. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: drgrant@zipnet.net
Message-ID: <31cde88b.7914946@news.zipnet.net>
Source record: 198995
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

:Of course those Germans NOT alive during World War II cannot be held
:responsible. But I refuse to respond to German "CQs" because I feel the
:mindset of Germans even today would allow a repeat of the holocaust if
:the only could find another Hitler. This was shown during the recent
:Gulf war when Germany was the one selling weapons and materials to make
:poison gas to Iraq.
:
All I can say is that we can definitely count you out for the WAC award.....

-Mike Capone

4557. Re: Battery - Tempo S-1

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <4qkvno$9vk@ralph.vnet.net>
Source record: 198996

Dan_Ringer@wnpb.wvnet.edu (Dan Ringer) wrote:

>Is there a source for batteries for a Tempo S-1 (mine is the larger
>battery, but a friend has the smaller (older) version).

>K8WV

I replaced the batteries in my S-1 from this source:

Mr. Nicad - EH Yost Co.

7344 Tetivia Rd.
Sauk City, WI
53583

608 643-3194 phone
608-643-4439 fax

4558. Icom Z-1 power output?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <4ql0fa$af6@ralph.vnet.net>
Source record: 198997

Can anyone tell me what power output to expect from the Z-1, using the 4.5 volt battery? All the ads and specs in the manual give is 5 watts @ 13.5 volts. I'm getting just over 1 watt with the stock battery, and that seems kind of low.

Also, what are the differences between the "older" Z-1 and the "newer" Z-1? I'm refering to a short reference in the Amateur Electronics catalog about older and newer models.

Thanks and 73,
Gary KN4AQ

4559. Re: Dentron dtr 2000 L

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4ql2a6$mau@mule1.mindspring.com>
Source record: 198998

"TOM, LA9GX" <kbs@powertech.no> wrote:

>Have been offered a dentron DTR 2000 L hf amplifier with 3cx1500 tube.
>Would like to know from someone who have used on what it`s like?

>73 de tom, la9gx

Tom,

I have been using a DTR2000L since 1988. Puts out 1200 W ON 160, 80, 40, AND 20 AND 1100w ON 15, BUT ONLY 800w ON 10. Works great for the price I paid for it and I have a source of nearly new 8877's for $200 to 250.

Only changes that could be made is better tank circuit for 10 and an outboard supply to boost power to 1.5KW.

73, Dave K4JRB

4560. Re: Information on 50MHz Transverters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: thompson@atl.mindspring.com
Message-ID: <4ql2dq$mau@mule1.mindspring.com>
Source record: 198999

Gary Johnson <gjohnson@avalon.net> wrote:

>Hello, I am looking for information on 50MHz transverters. What afer
>some of the better units that are available? Most that I have seen are
>disigned to be used with solid state rigs. What is needed to interface
>one of these (or other) transverters to a Kenwood TS-830S HF rig?
>I will appreciate any recommendations or advice that you can give me.
>Thanks,
> de Gary WY0V

Several guys are using the Ten-Tec 20 meters to 6 with success and you
can get it in kit or wired for a reasonable price.

Dave K4JRB

4561. Re: looking for good AM-FM radio for car traveling across US

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: bb840@scn.org
Message-ID: <DtHJE0.FL8@scn.org>
Source record: 199000

In a previous article, vietti@ccnet.com (Vietti) says:

>Hello,
>In a few weeks my family will be traveling across the western half of the
>US as we have many times in the past. We love to listen to radio stations
>wherever we travel but one disappointment is that we have trouble picking
>up stations except when we are right in or near a city. Is there a brand
>of radio or type of antenna that we should invest in that would be better
>than what came in our van when we purchased it? When we talk to local
>commercial car radio stores, they just want to sell us wonderful sound
>systems with great speakers. We want receiving capabilities, not
>woofers!! Any help will be appreciated. Thanks. barb
>
I think the most important feature is either a "scan" or "seek"
function, or both. This will allow the radio to tune to strong
signals whereever you are. In most cases you won't know where to
tune. If you already have these functions (either or both) in
the radio you have, I wouldn't bother replacing the radio.

--
Jim Aeschliman bb840@scn.org
Black Diamond, Washington KD7MK

4562. Re: SB-200 to 6M? help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4qldfi$4tt@newsbf02.news.aol.com>
Source record: 199001

In article <31CC94D0.6A2A@worldnet.att.net>, John Siegel
<JohnASiegel@worldnet.att.net> writes:

>> 73, TomThe last conversion article for the SB200 to 6M that I remember
was
>in
>QST back in 1967 or 68. At the time I said Aha the tubes do work on 6.
>I built a 6M only amp quite similar to the SB200 design. The original
>article used about 1 turn of the existing coil; the single band design
>without all the strays had about 3 turns. Peformance was about 400W out
>with a lower plate voltage (~15-1600 under load) since that was the
>transformer I had. It can be done but efficiency will be poor if you
>keep the existing plate circuit in place for other bands.
>John K4BNC
>
>

Hi John,

Experience with the 572 and 811 leads me to believe it would big trouble
putting 572 or 811's on six. With normal socket and grid grounding
arrangements, the 572/811 has a self neutralizing frequency in the upper
HF/lower VHF range. That's why SB200's, Clipperton L's, and other amps
with 811's oscillate on ten meters when their loading and tuning caps are
rotated to certain positions. That's why Heathkit, Gonset, Ameritrion and
others neutralize 4 811A tubes in GG (just for 30 MHz operation).

Without some knowledge and use of "trick circuits" an 811/572 six meter
amp would be very unstable. Without special circuits, stability becomes a
product of pure blind luck. A good way to increase "luck" is to decrease
plate voltage.

73 Tom

4563. Icom IC 730 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: hamop1964@aol.com
Message-ID: <4qlddg$4t7@newsbf02.news.aol.com>
Source record: 199002

I have a mint IC730 with mobile mike, all schematics, operator's manuals, PLUS a full blown shop service manual. The radio is perfect. I just bought a 706 and no longer need the 730. The price is $400.00.... firm and I will ship it insured for free. You don't see many at this price!

WA4GZV

4564. Re: XMatch Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4qldqe$51h@newsbf02.news.aol.com>
Source record: 199003

In article <4qi8p0$c22@safety.ics.uci.edu>, turner@safety.ics.uci.edu
(Clark Savage Turner) writes:

>Lots deleted. This is a good dose of reality here. Thanks, Tom.
>A bit off the topic, but a Patent may be worthless even if granted.
>The Patent examiners are not experts and cannot test their validity.
>This Patent may be quite vulnerable to legal attack ... but it is
>unlikely to be tested since I supect the X match folks will not sue
>MFJ for putting a bypass switch or grounding switch into their
>tuners for patent infringement.
>
>Clark
>WA3JPG

A very good point Clark. Looking at the patent, there is nothing novel
anywhere.
Everything has been done before, and even the technical description isn't
accurate.

The question is, would anyone want to use a fixed cap to replace a
variable cap in a T. I say no, if you are going to reverse the
thing....just make it an L. Especially since the fixed C is only "optimum"
for one load impedance on one band.

As you say, anything can be patented. That doesn't prove the the idea
works as described, or even indicate the design is unique.

73 Tom

4565. [Fwd: icom 706 mods]

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: gzluhuih@public1.guangzhou.gd.CN
Message-ID: <31CE429D.5470@public1.guangzhou.gd.cn>
Source record: 199004

Message-ID: <31CE40F0.796F@public1.guangzhou.gd.cn>
Date: Mon, 24 Jun 1996 15:17:04 +0800
From: Lu Hui-Hua <gzluhuih@public1.guangzhou.gd.cn>
Reply-To: bd7ix@amsat.org
X-Mailer: Mozilla 3.0b3Gold (Win95; I)
MIME-Version: 1.0
To: Ham-Equip@ucsd.edu
Subject: icom 706 mods
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hi i want my icom 706 can tx from 1.5-54mhz and 144.000-148.000mhz,
who can tell me how to do it?
Lu Hui-Hua (bd7ix@amsat.org)

4566. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4qlqfh$239@lehi.kuentos.guam.net>
Source record: 199005
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burp Fisher <k1oik@ccsnet.com> wrote:

>I agree with you.

You *should* agree with me Burp. I'm a lot smarter than you are.
Matter of fact, when we look at in that light, you should agree with
everyone who posts to this newsgroup.

>How does that make you feel?

Well, let me think about that for two seconds. If Cecil or Jack or
Jeff agreed with me I would feel honored, but since it's you........

>Hams serve their own fat butts.

Don't tell me. You went to Dayton and did a butt survey. YOU were the
guy I heard about who kept sticking his head under the stalls in the
men's room...... and I though they said perVERT, with the QRN they
must have been saying perBURT. Burp, you're a dirty old man.

73, Jim KH2D

4567. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Bruce Burke <burkebr@freemark.com>
Message-ID: <31CEA4B0.C36@freemark.com>
Source record: 199006
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Madjid SuperUser wrote:
>
> Burt Fisher wrote:
> >
> > Kenwood and Microsoft agree ham radio is dying.
> > (but I told you that a long time ago)
>
> That's scare tactics and Marketing strategy. Kenwood and other
> manufacturers are pressing for No-code licences. I bet that Kenwood's
> Sales Manager Paul Middleton KD6NUH, is a no-code advocate.
>
> About Microsoft, so what. They dumped their ham radio forum from
> I don't know where, who cares. We got plenty of sites on the WEB
> and Compuserve.

I agree here. Microsoft's decision has nothing to do with the
health of ham radio.
>
> About Kenwood, I use a Kenwood HF RIG but next rig will be
> YEASU or TEN-TEC. Vote with your wallet !
>
> Madjid VE2GMI

As for Kenwood, at least from my local experiences, they have had
quality problems. If they aren't selling enough rigs, they need to
look at their own doorstep. I don't see Icom and Yaesu complaining.

Even if the volume is dropping off, so what. There is a saturation point
in every market. The no-code license did what it was supposed to,
it got all those people in the door who were unwilling, or unable
to learn morse code. Now there is going to natural, expected slump.

I agree that it was a marketing ploy on Kenwood's part. Amateur radio
is just a small, small portion of their total business.

I have believed for a long time that they only keep an amateur division
around is for experimentation with stuff they would like to put into
their commercial equipment, but are unwilling to spend the R&D money
to perfect it before introducing it into a much more demanding
commercial market.

73,

Bruce, WB4YUC

4568. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: jnobis@cs.gte.NET
Message-ID: <199606241146.EAA01794@UCSD.EDU>
Source record: 199007

```
subscribe Ham-Equipment
```

4569. Re: Info on Ameritron AL811

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: rogerjb@earthlink.net
Message-ID: <4qm0r6$51k@argentina.it.earthlink.net>
Source record: 199008

In <4qjgn4$5ot@server-b.cs.interbusiness.it>, rmander@mopa.global.it (Roberto Manderioli) writes:
>Hi everybody,
>I'm looking for information on amplifier AL811 Ameritron (I have
>found a bargain) :
>Does it have WARC bands?
>How much power does it delivers ?
>Is there WEB site for Ameritron ?
I run the AL 811A. It does cover WARC bands. If you have the 3 tube version
it puts out around 600 watts. The 4 tube version puts out 800 watts.
I really like mine; it is well-designed, easy to use, and very effective.

Roger J. Buffington
AB6WR
USC Law School Class of '97

rogerjb@earthlink.net

"I want to die peacefully, in my sleep, like my grandfather.
Not screaming, and in terror, like his passengers."

4570. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4qm24r$3l7@lehi.kuentos.guam.net>
Source record: 199009
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:

< snipped>

>We're the world's largest beta test organization for communications
>systems, and we not only do it for free, we pay for the privilege of
>doing so out of our own pockets. Because we are demanding, and have
>some technical skill and knowledge, we quickly identify flaws in
>equipment offered to us, and if we don't come up with fixes ourselves,
>we spur the manufacturers to do so thanks to the competitive marketplace.

And with all this mumbling about commercial LEO satelitte systems, I'm
just so proud that I spent lots of dollars and two or three years
helping UOS do beta tests. Could turn out that the all the pacsats
should be sporting bumper stickers that read:

'I've Been Screwed Before, But it Felt Better'.

>Gary

OK, Gary, that's a description of what you do, and why you feel you
are performing a service. What percentage of hams do you feel fit
into the same catagory as you do ? I honestly think that a very small
percentage of hams participate in any type of public service activity.

In our local community here, that percentage is zero. Of the hams I
know in the U.S., none pass traffic, none do phone patches, and none
participate in any communications support activities for the public.
If I see a traffic accident or someone broken down on the road, I
call it in too, on my cellular phone. I will admit that I attended a
few marathons here a few years back when hams were supposed to
be providing communications support, but the activity was such a
disorganized mess, that I and a bunch of other hams felt we were
wasting our time standing on a street corner with an HT. So of all
the things you mentioned, Gary, I can only say that I personally have
been a beta tester, and as I mentioned previously, that may be for
the good of the public, but if the people who say the sky is falling
are correct, it didn't do much for the hobby.

To me ham radio is just a hobby. I don't feel at all committed or
obligated to anyone, as I passed the test to get a license and I
paid for all my own equipment. I'm sure there are lots of hams who
feel it is a service, but I am also sure that there are lots of hams
that feel it is a hobby.

If the FCC asked me tommorrow to answer one question,
'What have you done to justify the existance of Amateur Radio' ?,
I honestly would have to answer 'Nothing'. Unless passing out
30,000 QSL cards can be condsidered 'international goodwill'.

73, Jim KH2D

4571. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4qm254$3l7@lehi.kuentos.guam.net>
Source record: 199010
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Madjid SuperUser <orion@odyssee.net> wrote:

>About Kenwood, I use a Kenwood HF RIG but next rig will be
>YEASU or TEN-TEC. Vote with your wallet !

>Madjid VE2GMI

Madjid,
Make it ICOM or TEN-TEC. Vote with your wallet and your brain.

73, Jim KH2D

4572. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: algollom@interlog.com
Message-ID: <4qm272$2lj@news.interlog.com>
Source record: 199011
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

>Gary Coffman wrote:

> We're the world's largest beta test organization for communications
> systems, and we not only do it for free, we pay for the privilege of
> doing so out of our own pockets. Because we are demanding, and have
> some technical skill and knowledge, we quickly identify flaws in
> equipment offered to us, and if we don't come up with fixes ourselves,
> we spur the manufacturers to do so thanks to the competitive marketplace.

Maybe we were a while ago. Today we pale by comparison to the millions
of computer beta testers. And one cannot say that there is no technical
skill and knowledge involved in dealing with computers. Also one does
not have to learn an outdated mode of communications to prove their
prowess in the computer world.

Alan VE3XAG

==========
on the Internet: on packet:
algollom@interlog.com ve3xag@va3bbs#scon.on.can.na
==========

4573. Re: IC-706 RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4qm30g$jms@news.halcyon.com>
Source record: 199012

Darren Ream <dream@post.cis.smu.edu> wrote:

>I just purchased a 706 and it's a great radio. I agree the menu system
>is somewhat confusing at first, but it's no worse than a full-featured
>HT.
>My only concern is that the receive level seems to be way down. I've
>compared it to my IC-2000 in the shack, and using the same antenna, the
>IC-2000 hears at S9 what on the 706 comes in at an S3 (w/o the pre-amp;
>w/ the pre-amp it comes up to about S7-8). I know it's not S-meter
>calibration, because a full quieting S3 signal on my 2000 isn't even
>heard on my 706. HF is the same story.
>Should I bring it back to the dealer and have them check the receiver
>alignment? or am I overlooking something else (I've checked that the RF
>gain is wide open)?
>It receives just fine when I run the pre-amp, roughly equal to my non-
>pre-amp equipped radios, but I feel the pre-amp should be good for
>extra receive, not just to bring it up to par.
>Any suggestions?
>Thanks,
>Darren Ream, KC5OUH
Daren,

IICOM HF radios only meet the published specification with the preamp turned
on. With out the preamp the receive is unspecified, so you NEED to run the
preamp to meet the published spec. The other radios generally use a preamp all
the time and tuen it off when yopu press the attenuator button.

Gary

4574. Re: Field Day cw reader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4qm3k9$eck@nnrp1.news.primenet.com>
Source record: 199113

dgra@eci-esyst.COM (Dana Rodakis) wrote:
>P.S. The CW station attracts naturally attracts operators at FD. The
>station is active the entire contest period. AND, we use our brain to
>copy code, not some electronic decoder.

"Let he who is without sin, cast the first stone". Please tell us whether your operators had digital logic sending CQs and IDs, or a digital memory keyer, or a digital keyboard. If you/they were using anything other than a straight key, you/they are just as guilty. If you insist on manual for receiving then you must insist on manual for transmitting. It's not real CW unless everything is manual.

73, Cecil, W6RCA, OOTC

4575. Re: Information on 50MHz Transverters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: First Last <First.Last@sematech.org>
Message-ID: <31CEAA48.4C18@sematech.org>
Source record: 199114

david l. thompson wrote:
>
> Gary Johnson <gjohnson@avalon.net> wrote:
>
> >Hello, I am looking for information on 50MHz transverters. What afer
> >some of the better units that are available? Most that I have seen are
> >disigned to be used with solid state rigs. What is needed to interface
> >one of these (or other) transverters to a Kenwood TS-830S HF rig?
> >I will appreciate any recommendations or advice that you can give me.
> >Thanks,
> > de Gary WY0V
>
> Several guys are using the Ten-Tec 20 meters to 6 with success and you
> can get it in kit or wired for a reasonable price.
>
> Dave K4JRBA very nice kit and it works as claimed. I had a chance to test one that
was built by a fellow ham. I was tested at a RF lab for all the specs
and it impressed everyone. I met all the specs and it was a very nice
unit. OBTW they sound great on the air also.

73 WA5VTV

4576. HR2510 10m tcvr repeater/split mod possible?/

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: paul newman <pauln@ozemail.com.au>
Message-ID: <31CF837B.29FA@ozemail.com.au>
Source record: 199115

does anyone have any info on if/how/is it possible to add repeater
offset to this little rig? it has been suggested that a new eprom or
similar is available - if so any ideas on where to obtain it??
thank you
paul newman
vk8pn
pauln@ozemail.com.au

4577. Wanted:6-Meter Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: ccart@mnsinc.com
Message-ID: <4qme2d$mq2@news5.erols.com>
Source record: 199116

Shane,

Somewhere on the net (is that vague enough) are the mods for a $25 Radio Shack FM 49Mhz walkie talkie. I know it doesn't sound like fun but it's how I'm going to get on 6M FM. I think the model was TRC-515. It's a single channel crystal based radio. The gist of the mod is; change the rocks, retune the final, you're on the air. :) So $30-40 and you've got a QRP 6M FM transceiver.

There is a 5 channel model that the author did not reccomend since I think the tuning is much more difficult. If I can find the article I'll mail it out to 'ya. My current project is getting an old HT-40 to do 6M AM, one of those things I just gotta try!

73

--
-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

4578. Re: Hopeless to run HF voice at 100 watts?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun24.135737.932@ke4zv.atl.ga.us>
Source record: 199117

In article <4q92jm$r4f@sloth.swcp.com> n5zgt@swcp.com writes:
>
>PS - If anybody says you need to get an amp, YOU DON'T. It doesn't
>take a whole lot of power to talk around the world as you read above.
>I will never put an amp in my station because I can do the same things
>with it with 100 watts, 5 watts and 250 milliwatts! Good luck!

As you gain more experience, you may want to modify this statement slightly. An amplifier can be useful under certain conditions, such as 160m and 75m in summertime when the atmospheric noise levels are very high. An equivalent noise temperature of 1,000,000 K is not unusual here when there is thunderstorm activity in the first skip landing zone. There is a place for amplifiers on HF, it's just not as large a place as some seem to think.

If you need to meet a schedule or check into a net under marginal conditions, an amplifier can be an asset. However, if you are just looking for random contacts, and are willing to follow the MUF, then much lower power levels will suffice. I was recently able to follow a Pennsylvania beacon operation on 40m down to the 100 uW level (that's *microwatts*) from down here in Georgia when the MUF fell down close to 40m in the wee hours. But for daytime use, you'd need quite a bit more power to overcome absorption losses.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4579. FT101E Users Group?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: brown@auburn.campus.mci.net
Message-ID: <4qmi36$7e5@news.campus.mci.net>
Source record: 199118

After over 15 years off the HF bands, I have recently gotten back on the air with a Yaesu FT-101EE. I am very happy with the rig, and it's nice to be back on. Never owned a solid state HF transceiver, so this seems normal to me. Just wondering if there are many other FT101 users still out there with hints, fixes, mods, etc. Is there an organized users group or net?

Tnx.

Phil Brown N4COD
brown@auburn.campus.mci.net
Video Producer/Instructor
Like Flowers? Check out our home page at www.tigerweb.com

4580. Wanted - Azden 2000 Tone Mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: sfctzh@scfn.thpl.lib.fl.us
Message-ID: <4ql78s$o8l@ns1.thpl.lib.fl.us>
Source record: 199119

Help!!

I am looking for an AZDEN 2000 tone mike for my 2 meter rig

If you can help me, please reply! Thanks!

4581. FT50 v. 508a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Dennis / WR4i <wr4i@nando.net>
Message-ID: <31CF03DD.274D@nando.net>
Source record: 199120

Hi!
Has anyone compared these 2 dual-band HT's? I have the 508a but recently moved and need a little xtra watts to get out of these hills while portable. Really like the size of these rigs so looks like its the FT50 that comes close to the 508? Aside from the obvious (power out and TTP) has anyone compared the performance out-of _band performance, sensitivity,etc. You'd have to pry the 508a out of my dying hands..but then the xyl would make sure I was dead if I brought another rig into this place<g>.
Txs..
Dennis,WR4i
Chapel Hill,NC

PS I use the SMA3 antenna. Helps, but not enough.

4582. FS: PK-88 TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: brentb@misfit.math.tamu.edu
Message-ID: <4qmn1b$qql@news.tamu.edu>
Source record: 199121

For sale:
(1) AEA PK-88 TNC
All manuals, cables and original packaging.

This TNC is a few years old, but works fine.
$75 obo

-Brent
n5vmg

--

Brent Burton
brentb@misfit.math.tamu.edu

4583. Where are all the packet users? Are they to tight to surf?....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: MAAR13@dial.pipex.com
Message-ID: <4qmna4$9c@tube.news.pipex.net>
Source record: 199122

Where are all the packet users on the usenet...I thought that there
would be one in the UK, or Stateside...

Am i missing something ?

Andy at GB7YUH.....

--

Please reply via the newsgroup, or Email direct.

maar13@dial.pipex.com or direct to University .

AJR9@UKC.AC.UK Callsign G6MRI.

University of Kent. England.

From Andy, Herne Bay Kent England.

Cheers, keep your end up........

4584. KENWOOD 732A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: cv752@FreeNet.Carleton.CA
Message-ID: <4qmjs4$ej4@freenet-news.carleton.ca>
Source record: 199123

I am looking for Kenwood's email address
I have a problem with my kenwood 732a daul band radio
It has come up with the propt HELLO WELCOME TO THE HOBBY and the only way
I can get rid of it is to reset the memory thats a pain
73

--
Kim Krueger
VA3VKK
cv752@freenet.carleton.ca

4585. Re: They do not come any phoneyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: kd1nr@anomaly.ideamation.com
Message-ID: <4qmgsj$s2@anomaly.ideamation.com>
Source record: 199124
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <31CDB72F.2D72@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> wrote:
>Jim Kehler wrote:
>
>> Come back and tell us when YOU are dying Burt, that's
>> something we'd all like to hear.
>>
>> 73, Jim KH2D
>
>So typical of a phoney ham, wish someone death and best regards
>in the same message.
>You speak for all?
>What is dying is hihi ham radio.
>

Burt,

While I won't necessarily wish YOU dead I do hope your computer suffers
a meltdown. I've seen your psychobabble both here and on packet and
am sick of it.

Tony

--
== Tony Pelliccio, KD1NR
== As offensive as I wanna be.
== kd1nr@anomaly.ideamation.com

4586. Info on Mizuho Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Albert Lozano <alozano@cae.wisc.edu>
Message-ID: <31CEE52F.465C@cae.wisc.edu>
Source record: 199125

I would like to know if somebody in the
group knows about a monoband handheld
transceiver for 20m or 40m that is
manufactured under the name of Mizhuo (??)
or "Jim".

It appears to me to be made in Japan,
even I know that is sold in the UK.

Thanks,

Albert
alozano@cae.wisc.edu

4587. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: patrick_tatro@stortek.com
Message-ID: <DtIqH3.LEL@stortek.com>
Source record: 199126
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <31CBCD4B.751C@ccsnet.com>,
Burt Fisher <k1oik@ccsnet.com> wrote:
>Kenwood and Microsoft agree ham radio is dying.
>(but I told you that a long time ago)
>
>KENWOOD DEFENDS DISTRIBUTION PLANS
>
>Kenwood Communications Corp says its recently
announced plans to make its
>products available in more retail outlets will
help to rejuvenate ham radio.
>Citing concerns about the future of Amateur Radio
and a changing business
>climate, Kenwood announced it was taking "some
bold steps" to revamp its
>wholesale distribution scheme.
>
>In a June 10 open letter to the Amateur Radio
community, Kenwood's
>Amateur Radio Products Group National Sales
Manager Paul Middleton,
>KD6NUH, painted a dismal picture. "When we looked
at where Amateur Radio
>is today, and where it is going to be in ten
years at the present rate
>of decline, the future looks bleak," he wrote,
citing competition from
>unlicensed communications modes. (internet).
>
>
> "It is also obvious that the rate of no-code
licensees is slowing down
>with fewer and fewer people upgrading," Middleton
wrote. "Amateur Radio
>dealers should be more interested in attracting
new people to our hobby.
>Every current amateur operator who wants this
hobby to continue should
>be promoting ham radio to non-hams."
>
>
>* Microsoft Network (MSN) has dropped its Amateur
Radio Forum, reports the

>unofficial forum manager Rick McMillion, WB7UGZ.
He said MSN gave him the
>word recently in a terse e-mail message.
McMillion says he had no warning
>that MSN was going to dump the forum.

Correct me if I am wrong BUT .....

Who said continued growth is a good thing?
Sixty years ago the joy of the hobby was for two
operators to make contact with rigs they built and
antenna's they designed.

These days the bands are crowded with Ham
want-to-be's, DJ want-to-be's and people who
wouldn't know good manners if they jumped up
and bit them.

I for one say its time for this hobby to
down-size. Maybe those people who get their
license and then spend all their time bad
mouthing the hobby will find new things to bad
mouth (like net surfing). The true joy of amateur
radio will always be there no matter how much it's
bad mouthed.

Nuf Said
Pat N0WCG

4588. CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: maccabeus@gatecoms.gatecom.com
Message-ID: <4qmdbp$3qe@www.gatecom.com>
Source record: 199127
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

From news.gatecom.com!gatecoms!maccabeus Mon Jun 24 11:38:54 1996
Path: news.gatecom.com!gatecoms!maccabeus
From: maccabeus@gatecoms.gatecom.com (Maccabeus)
Newsgroups: rec.radio.amateur.digital.misc
Subject: CW can not die...
Date: 24 Jun 1996 15:35:35 GMT
Organization: Gateway Communications Inc.
Lines: 21
Message-ID: <4qmck7$3f8@www.gatecom.com>
NNTP-Posting-Host: gatecoms.gatecom.com
X-Newsreader: TIN [version 1.2 PL2]

CW has a major advantage over phone. It can get thru where voice can
not. ESPECIALLY for emergency communications. It has the ability to be
used over longer distances and still be readable. It is EFFICIENT for
those who are motivated enough to learn it. CB is for the lazy; not
Amateur Radio. I got my Tech+ in may and was harrased mostly by techs
that thought I was stupid for bothering with code. I know personally
that these are also only interrested in their radio as a cb
replacement. I pzarticipated in Field Day this week end and tried some
phone but kept comming back to cw. I totaled about 12hrs cw. ^hrs in
a single stretch and I had more fun in there than anywhere. Maybe my
10wpm isnt great but it was successfully fun.
Try it and have a positive outlook. It isnt hard, it just take some
actual working to build up. you cant be lazy, but it pays off!

--
73 Phillip KC8DQF
##
"If the government is big enough to give you everything you want,
it is also big enough to take everything you have."
##

4589. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4qmtsa$rrh@nnrp1.news.primenet.com>
Source record: 199128
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Maccabeus <maccabeus@gatecoms.gatecom.com> wrote:

: CW has a major advantage over phone. It can get thru where voice can
: not. ESPECIALLY for emergency communications.

Hi Phillip, maybe you could share this extremely enlightened knowledge
with the military who would love to have a mode with those characteristics.

73, Cecil, W6RCA, OOTC

4590. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Ted F <Tfalkow@telerama.lm.com>
Message-ID: <31CEF5C4.7E0C@telerama.lm.com>
Source record: 199129
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Maccabeus wrote:
>
> From news.gatecom.com!gatecoms!maccabeus Mon Jun 24 11:38:54 1996
> Path: news.gatecom.com!gatecoms!maccabeus
> From: maccabeus@gatecoms.gatecom.com (Maccabeus)
> Newsgroups: rec.radio.amateur.digital.misc
> Subject: CW can not die...
> Date: 24 Jun 1996 15:35:35 GMT
> Organization: Gateway Communications Inc.
> Lines: 21
> Message-ID: <4qmck7$3f8@www.gatecom.com>
> NNTP-Posting-Host: gatecoms.gatecom.com
> X-Newsreader: TIN [version 1.2 PL2]
>
> CW has a major advantage over phone. It can get thru where voice can
> not. ESPECIALLY for emergency communications. It has the ability to be
> used over longer distances and still be readable. It is EFFICIENT for
> those who are motivated enough to learn it. CB is for the lazy; not
> Amateur Radio. I got my Tech+ in may and was harrased mostly by techs
> that thought I was stupid for bothering with code. I know personally
> that these are also only interrested in their radio as a cb
> replacement. I pzarticipated in Field Day this week end and tried some
> phone but kept comming back to cw. I totaled about 12hrs cw. ^hrs in
> a single stretch and I had more fun in there than anywhere. Maybe my
> 10wpm isnt great but it was successfully fun.
> Try it and have a positive outlook. It isnt hard, it just take some
> actual working to build up. you cant be lazy, but it pays off!
>
> --
> 73 Phillip KC8DQF
> ##
> "If the government is big enough to give you everything you want,
> it is also big enough to take everything you have."
> ##
Good for you! I'm gald you had a great field day and LOVE CW. oh, what
was the point of your post anyway. I don't think anyone on this group
said they wanted to KILL CW!
Ted F.
N3SQY

4591. FS HP 5328A Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: craigp@ncia.com
Message-ID: <4qmp3t$j7f@lassen.cnw.com>
Source record: 199130

Hello all, I have a Hewlett Packard 5328A 500 MHz frequency counter for sale. This unit is in good operating condition and comes with the $1075 high stability timebase option. I am asking $205 plus $50 to cover the shipping and packaging costs. e-mail craigp@ncia.com if interested.....73's

4592. Wanted: TM-241A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Vincent Charron <charv@accent.net>
Message-ID: <31CF08EB.789B@accent.net>
Source record: 199131

New or used. If know of a ham store that still has some in stock, let me know.

E-mail: charv@accent.net

Thanks.
Vince Charron
VE2-IFR

4593. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: dmdabay@pen.k12.va.us
Message-ID: <DtItuv.qJC@pen.k12.va.us>
Source record: 199132
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Alan Gollom (algollom@interlog.com) writes:
>
> >Gary Coffman wrote:
>
> > We're the world's largest beta test organization for communications
> > systems, and we not only do it for free, we pay for the privilege of
> > doing so out of our own pockets. Because we are demanding, and have
> > some technical skill and knowledge, we quickly identify flaws in
> > equipment offered to us, and if we don't come up with fixes ourselves,
> > we spur the manufacturers to do so thanks to the competitive marketplace.
>
> Maybe we were a while ago. Today we pale by comparison to the millions
> of computer beta testers. And one cannot say that there is no technical
> skill and knowledge involved in dealing with computers. Also one does
> not have to learn an outdated mode of communications to prove their
> prowess in the computer world.
>
Millions of beta testers?? Maybe if there were some quality and a little
alpha testing, those of us in the indusry wouldn't have to be "beta" testers.
I can tell youafter 25 years in computers there is really a shortage of true
technical skill and knowledge out there. Sure there is a lot of hear-say and
nay-say, but very few people have the knowledge to do anymore than regurgitate
what someone else has done. Many people have successful computer careers and
know little or next to nothing about them or how they work, only what they have
"learned" to pass a certificate or some such. Gone are the days of knowing
ebough about something to actually understand and fix it.

Maybe some should learn outdated information as this often is the knowledge
base for the technology of the future. There are certainly a lot of high
ranked business people out there who know enough of the buzz words, but very
little of the actual technology....

dave

Dave Dabay KD3PC Technology Specialist Radford City Schools
Race at the New Elk Creek Dragway

4594. WANTED:10 amp or higher power supply!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: suhsstaf@sonnet.com
Message-ID: <4qn0v0$39j@sonnet1.sonnet.com>
Source record: 199133

I am looking for a power suppy for my Drake UV-3. I need a 10 ampere or greater supply for it. 13.8 volts. If anyone
has such, please contact me. I would really like one badly.

suhsstaf@sonnet.com
KF6DHK

4595. Re: CW cannot not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Madjid VE2GMI <orion@odyssee.net>
Message-ID: <31CF3598.4BFF@odyssee.net>
Source record: 199134
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Cecil Moore wrote:
>
> Maccabeus <maccabeus@gatecoms.gatecom.com> wrote:
>
> : CW has a major advantage over phone. It can get thru where voice can
> : not. ESPECIALLY for emergency communications.
>
> Hi Phillip, maybe you could share this extremely enlightened knowledge
> with the military who would love to have a mode with those characteristics.

If the military are dumb, does mean we have to be. As for the truth of
that, I hear that elite units are still using CW as the most reliable
comms and that many units are REINTRODUCING CW training. :):)

If you saw that movie on the guys who crashed in ALERT North Pole you
saw that they had to ressort to CW type communication to talk to the
search party because their battery was frozen (That was not fiction).

Madjid BOUKRI, VE2GMI Internet: orion@odyssee.net

4596. Re: Wanted:6-Meter Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Andrew Marshall <andrew@g8bur.demon.co.uk>
Message-ID: <A2284DAs1xzxEwWz@g8bur.demon.co.uk>
Source record: 199135

In article <4qme2d$mq2@news5.erols.com>, CHRISTOPHER CARTWRIGHT
<ccart@mnsinc.com> writes
>Shane,
>
>Somewhere on the net (is that vague enough) are the mods for a $25 Radio
>Shack FM 49Mhz walkie talkie. I know it doesn't sound like fun but it's
>how I'm going to get on 6M FM. I think the model was TRC-515. It's a
>single channel crystal based radio. The gist of the mod is; change the
>rocks, retune the final, you're on the air. :) So $30-40 and you've got
>a QRP 6M FM transceiver.
>
>There is a 5 channel model that the author did not reccomend since I
>think the tuning is much more difficult. If I can find the article I'll
>mail it out to 'ya. My current project is getting an old HT-40 to do 6M
>AM, one of those things I just gotta try!
>
>73
>
>--
>-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
>-- Voice 301.295.0809 N3XRV | fear and surprise, and nice
>-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
>-- ccart@erols.com | -- Monty Python

I don't know where the info is on the Net, but conversion articles are
in the UK mag. 'Practical Wireless' April 1995 (orig. article); and May
1996 (follow-up; mods for more power - nearly 90mW!). Range between a
pair modded as stated is quoted as almost 3/4 mile in flat countryside.

Model covered is TRC-501 which is probably same as TRC-515 (same basic
spec). AFAIK the 5-ch. radio is synth'd and said to be unconvertable.

I have a pair of TRC-501s; not converted to 51MHz as they are more
useful as-is - only legal way in UK of radio comms between unlicensed
private persons. I use them for car-to-car or at outdoor events; as long
as there are no baby monitors nearby (same frequencies; continuous Tx!)
they work fine, though range unmodded is from 200 ft (car - car) to 1000
ft (across an airfield).

As PW publish their Net address in their mag, I see no harm in quoting
it; for the Editor, it's rob@pwpub.demon.co.uk.
Phone +44 1202 659910; Fax +44 1202 659950. Sorry, but I can't find a US
distributor's address in the mag.

BTW your request for info may answer a question I was going to post to
this ng, as to whether any HTs are available in the US for 6M FM (I

already have an FT690R2 'electronic handbag' but really want a TH77E - sized 6M HT, esp. as now we may be getting repeaters here on 6). I imagine there are none made!

Hope this helps!

73, Andrew G8BUR
--
Andrew Marshall
andrew@g8bur.demon.co.uk

4597. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: algollom@interlog.com
Message-ID: <4qn887$kh1@news.interlog.com>
Source record: 199136
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <DtItuv.qJC@pen.k12.va.us>, dmdabay@pen.k12.va.us says...
>
>Alan Gollom (algollom@interlog.com) writes:

>> Maybe we were a while ago. Today we pale by comparison to the millions
>> of computer beta testers. And one cannot say that there is no technical
>> skill and knowledge involved in dealing with computers. Also one does
>> not have to learn an outdated mode of communications to prove their
>> prowess in the computer world.
>>
>Millions of beta testers?? Maybe if there were some quality and a little
>alpha testing, those of us in the indusry wouldn't have to be "beta" testers.
>I can tell youafter 25 years in computers there is really a shortage of true
>technical skill and knowledge out there. Sure there is a lot of hear-say and
>nay-say, but very few people have the knowledge to do anymore than regurgitate
>what someone else has done. Many people have successful computer careers and
>know little or next to nothing about them or how they work, only what they have
>"learned" to pass a certificate or some such. Gone are the days of knowing
>ebough about something to actually understand and fix it.

Do you think it's that different in the electronic technology field. Heck it's the
same in any field. There are those who excel, those who follow and those
who just fall by the wayside. If there are so many great "beta testers" in
ham radio then why is there so much crap being sold. When is the last
time that any of the big three ham radio manufacturers put out a handheld
that didn't suffer from extreme intermod. Other than a couple of mobile
vhf radios all the others have front ends looser than a hookers crotch.
VHF/UHF radios have become basically scanners with ham bands
thrown in as an afterthought. And sure some of the newer HF rigs
have introduced DSP, but other than that I haven't seen a rig worth
giving up my ICOM-735 for. And even the new higher entry radios have
some serious flaws that indicate pretty shabby "alpha" or "beta
testing or very poor quality control.

All I'm saying is that we are living an illusion if we think ham radio
reigns supreme over all other technology. And to those who
do think we are better then I ask why is this hobby not growing at
the pace of the computer hobby? Obviously there are a lot of
people in that industry that are on the cutting edge of technology.

Alan VE3XAG

===
on the Internet: on packet:
algollom@interlog.com ve3xag@va3bbs#scon.on.can.na

==========

4598. WTB: VS-1 Voice Synth->Kenwood TS440S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: mccullough@condor.navsses.navy.mil
Message-ID: <1996Jun24.180232.2601@condor>
Source record: 199137

I'm looking for a VS-1 voice synthesizer for a Kenwood TS440S.
Anyone have one they'd like to sell? I'm in San Diego, CA. Rob.

4599. Yaesu FTdx-400 HF Rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Glenn Faus <gfaus@osi.com>
Message-ID: <31CF3027.71D8@osi.com>
Source record: 199138

I'm trying to price my FTdx-400 for sale.

It's reasonably clean with one 1/2"" hole drilled in the removable top cover.

To the best of my knowledge, it's had 3 owners.

I have some spare tubes (including used 6kd6 finals), manual + schematic.

It will also have an Astatic Lolli-pop w/Shure element mic.

Reason for selling: Bought new rig.

This is NOT a 4 Sale querie, but rather a quest for pricing info.

PLEASE RESPOND VIA MY E-MAIL ADDRESS.

Thanks in advance for your information!

--

```
+=====================================================================+
| "When you reach a fork in the road, take it!" Yogi Berra |
| \\|// |
| "(O-O)" |
|=========================oOO==(_)==OOo============================|
| \_\_ \_\_\_ \_\_\_\_ | Glenn Faus KD6VNR |
| \_ \_ \_ \_ \_ | Systems Administrator |
| \_ \_ \_ \_ \_ | OSI Corporation |
| \_ \_ \_\_\_ \_ | gfaus@osi.com |
| \_ \_ \_ \_ \_ | (916)-353-2400 x2295 |
| \_ \_ \_ \_ \_ | |
| \_\_ \_\_\_ \_\_\_\_ | |
+=====================================================================+
```

4600. Kenwood TS-520 For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Charlie Vaughn <cvaughn@netdepot.com>
Message-ID: <01bb6242.cfcb6e80$6983ddc7@cvaughn>
Source record: 199139

Kenwood TS-520 Transceiver with the Kenwood DG-5 digital readout and optional CW filter for sale. This unit is in very good condition and has been well cared for. I am the second owner. Complete with manual. $425 for the package.

E-mail me for more information.

73,

Charlie
KD4AJ

4601. Re: CW cannot not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4qnfvp$1f4@nnrp1.news.primenet.com>
Source record: 199140
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Madjid VE2GMI <orion@odyssee.net> wrote:

: ... I hear that elite units are still using CW as the most reliable
: comms and that many units are REINTRODUCING CW training. :):)

I hear it's a last resort in case of a life-and-death situation unlikely
to occur except during combat. Last I heard, hams weren't in combat except on
internet.

73, Cecil, W6RCA, OOTC

4602. Motorola JT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: David_Edger@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_960624_221800_cc1939db@fidonet.org>
Source record: 199141

Looking for any information on the Motorla JT-1000 handheld. I
understand it is field programmable, but would appreciate any
experiences from folks who have used it. I am intending the radio for
a commerical application, but might well program a 440 ham repeater in
one of the memories as well. (You can't work ALL the time.)
Thanks for any experiences and general comments on this rig.
73, Dave AA5NU

4603. Re: Wanted:6-Meter Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31CF7FDA.6C36@accessnv.com>
Source record: 199142

> as to whether any HTs are available in the US for 6M FM (I
> already have an FT690R2 'electronic handbag' but really want a TH77E -
> sized 6M HT, esp. as now we may be getting repeaters here on 6). I
> imagine there are none made!
>
> Hope this helps!
>
> 73, Andrew G8BUR
> --
> Andrew Marshall
> andrew@g8bur.demon.co.uk

Azden does have a six meter FM handheld available in the US - model number is AZ-61, and power out is five watts.

73!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4604. Re: Where are all the packet users? Are they to tight to surf?....

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: steve <kd6fyk@wco.com>
Message-ID: <31CF85EC.34D8@wco.com>
Source record: 199143

ANDY AT HERNE BAY,KENT,UK. wrote:
>
> Where are all the packet users on the usenet...I thought that there
> would be one in the UK, or Stateside...
>
> Am i missing something ?
>
> Andy at GB7YUH.....
>
> --
>
> Please reply via the newsgroup, or Email direct.
>
> maar13@dial.pipex.com or direct to University .
>
> AJR9@UKC.AC.UK Callsign G6MRI.
>
> University of Kent. England.
>
> From Andy, Herne Bay Kent England.
>
> Cheers, keep your end up........

ok,why am i getting stack overflow with my new packet setup?
icom 24at,hp 200Lx,paccomm micropower-2
thanks steve

4605. Re: Info on ICOM ICZ1A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: John Hansen <hansen@ait.fredonia.edu>
Message-ID: <31CEA4FE.55B@ait.fredonia.edu>
Source record: 199144

Mark wrote:
>
> On Thu, 20 Jun 1996 21:48:03 -0500, "spade@onramp.net"
> <spade@onramp.net> wrote:
>
> >Ambrosis wrote:
> >>
> >> If anyone can point me in the right direction for information about mods
> >> for the Icom ICZ1A. I would greatly appericate it. I have looked in the
> >> mod sites I have found on the web but I have had no sucess in locating
> >> information for this paticular model. Thanks for your help.
> >>
> >> J P Slota <ambrosis@intac.com> KB2ZIV
> >>
> >Remove the keypad and battery. Take out the four black screws and the
> >two bottom silver screws holding the front and rear halves together.
> >Separate the two halves and locate the small ribbon cable connecting the
> >two halves. On the front half of the radio where the ribbon cable
> >attaches, locate a small black rectangular diode (D-215 I was told).
> >Use a soldering iron to lift the upper (towards the antenna) leg.
> >Reassemble the two halves and operate (legally of course).
> >
> >I am not any kind of an expert in radio repair. This modification was
> >copied by me from a friends radio (that had been performed by someone
> >extremely knowlegeable) on my radio and has been working flawlessly.
> >73's to you all. Danny.
>
> There are supposedly 2 mods for the Z1A. The first one adds RX
> 118-136 AM AIR, RX & TX 136-174, 400-479 MHz.
>
> The other one adds RX 800-999 MHz. One of the mods requires adding a
> surface-mount transistor. I had them both done together in Dayton for
> $50. Of course, it only took the guy 20 minutes to do it.
>
> Good Luck. Mark

You got a fairly good deal on that mod. Do you know who did it? I saw a mods place indoors at Dayton, but they wanted over $200 to do both of these mods. I would have paid the $50. The cellular mod involves installing two diodes in pads near J5. Unfortunately, the diodes appear to be more of these surface mount gizmos and in order to find J5, I'm going to need a parts placement diagram. Does anyone have one of these?

John WA0PTV

4606. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Computer Lab User <labuser@mc.edu>
Message-ID: <31CF4824.8C8@mc.edu>
Source record: 199145
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

A.G. von Luternow wrote:
> On Mon, 17 Jun 1996 05:35:42 -0400, Burt Fisher <k1oik@ccsnet.com>
> wrote:
> >Ham radio is so unappealing to the young:
> >1. I offered 14 year old KA1VBQ $10 to make a single 2 meter contact,
> >she refused.
> >2. I offered N1XIY free GOOD 2M and HF gear, he is 16, he refused to
> >use it.
> >Electrolux and ham radio both have something in common, what?

I love ham radio and wish that I could find some group in my area to
administer the Technician test so I can be licensed! What do you mean by
placing those overprivelaged snobs in a group with the
</BLINK>NORMAL</BLINK> people. I'll be happy to take a 2M!

4607. Old Motorola VHF??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: Chris Davis <cdavis@ptel.net>
Message-ID: <01bb6183.53e5cdc0$185c09ce@cdavis>
Source record: 199146

Forgive me if this is overly elementary, but I'm pretty new to amateur radio!

I bought a bunch of old Motorola VHF equipment at an auction several years ago (for no reason other than it went really cheap!) One of the units is the base unit, a fairly large gray cabinet. I can see no model number, but do know enough to see that there are two 'modules' that control the frequency (since the frequency is stamped on the top of them!) I assume one is receive, and one is transmit. They are currently at 151.895 MHz. How would I go about modifying this to work on an amateur frequency, specifically 146.280/146.880? I've just moved to this area, so I really don't know any local hams to ask for assistance. I did notice a date stamped on one of the pc boards, it was 1973. Also, any clue as to the output power on this unit?

--

<><--><>
Chris Davis
cdavis@ptel.net
Asst. Engineer
KJLY - Christian Radio
Blue Earth, MN
<><--><>

4608. Radio gear for sale - MUST SELL!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: rcramer@netcom.com
Message-ID: <rcramerDtIx14.AFJ@netcom.com>
Source record: 199147

Radio gear for Sale!

I MUST sell the following IMMEDIATELY! Only SERIOUS inquiries please!

*) Kenwood TH-21AT 2M FM Handi-Talki BEST OFFER
*) 2M FM Power Amplifier 2W-in 20W-out Best Offer
*) Old Scanner, 10 Channel, will cover fire, ham, police, weather. BEST OFFER
*) Old commodore amiga color monitor. Best Offer

Rick Cramer
N5HVT

1-512-469-0118 Home
rickc3@ix.netcom.com Email (Home)
rickc@front242.sps.mot.com Email (Work)

4609. Need schematic MIRAGE D15 amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-24 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDtIw41.576@netcom.com>
Source record: 199148

I'm in need of documentation and/or manual for MIRAGE D15 (UHF 15W brick).
Will pay copying/postage costs if you would be able to make a copy.

Please e-mail -

73 Dave WB0GAZ dgf@netcom.com

4610. Re: Information on 50MHz Transverters

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: alaska2053@aol.com
Message-ID: <4qq6cj$1c5@newsbf02.news.aol.com>
Source record: 198814

My TS 430 S has an xverter din connector on the back. Did Kenwood ever make an xverter for it?

Andy.

4611. Re: Mods for the Dentron MLA 2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4qq8dv$2mp@newsbf02.news.aol.com>
Source record: 198815

In article <4qp3sv$69f@sulawesi.lerc.nasa.gov>,
lawrence.wald@lerc.nasa.gov (Larry) writes:

>I saw someone on packet who had posted a 2500 for sale, with the addition
>that
>it had the "Briley" or "Riley" mods performed on the amp. Does anyone
have
>any idea what the mods were and how I could get a copy of them.
>
>Thanks.
>
>Larry, KE8GW
>
>

Hi Larry,

That refers to J. Fred Riley...WA8AJN. He published some mods in CQ or Ham Radio years ago. You might try to contact him directly.

Fred is a bright guy, and has been messing with amps for a long time. Even though he was never louder than me on 3895, I'd still trust his mods.<grin>

One of the mods dealt with tube protection, the other ALC.

He's a real good tech guy for this, since he worked a lot with lower power amps like the MLA2500.

73 Tom

4612. Help IC-271H

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: "William J. Porter" <n8lfp@nextek.com>
Message-ID: <31D0599A.70BA@nextek.com>
Source record: 198816

I am having a problem with frequency drift on ssb with my 271H. It seems to intermitantly move up and/or down in frequency on ssb. Any help would be greatly appreciated.

Thanx,

Bill ARS, N8LFP

4613. Re: MFJ 6 meter rig any good? Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4qq8rq$2si@newsbf02.news.aol.com>
Source record: 198817

In article <4qp0sf$1bdc@sol.caps.maine.edu>, baack@monet.umecut.maine.edu (Jason Baack) writes:

>Hello all,
>
>I am looking to get into 6m ssb, and I have a some-what limited budget.
>I would love any information that you have on the MFJ 6 meter ssb rig..
>Any good... Comments suggestions..
>How much "modification" will I have to do to the rig before I get it
>to work right?
>(I had a 1276 TNC .....That is another story..)
>
>Any help would be great.

I have the six meter rig and it works fine. It drifts a little, that is my only complaint.

73 Tom

4614. Help - Kenwood UT-28s in 741

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Len Revelle <lenrev@wwa.com>
Message-ID: <31CFC246.218B@wwa.com>
Source record: 198818

-- I just installed the UT28s in my 741 which is remoted in a '97 Ford truck. Not wanting to drill another hole
I am playing with a glass mounted 11 meter antenna retuned for as low an SWR as possible. Nope, won't get to
1:1 but that's not the primary problem(s). (any suggestions for proper pruning of a center loaded glass mount
would help as well)

1. Regardless of the antenna used (tried roof mounted Larsen and my Hustler on the rear bumper) I note the tx
lock in transmit. At 25 watts (all I get out in high power position) it locks 99% of time requiring turning the
rig off to release. At medium power it usually locks and releases 1-2 seconds after releasing PTT. At low power
I generally see no locking.

2. At both mid and high power levels I see signal strength readings in the UHF receiver when I transmit on 10.
The signal strength varied with amplitude of my voice. This does not occur in the VHF receiver.

3. I also noted a lot of noises on 10 apparently eminating from the truck that aren't problems on the other
bands.

One concern is that Kenwoods instructions are to remove the shied plate from the module below the UT28s
prior to it's installation. I'm putting it back if assembly allows.

I've strapped the coax shield to a sheet metal screw installed in the truck body and the control cable
has a snap choke installed at the radio end. I suspect near field radiation at the control head which is all
plastic as the locking seems to vary as I move about in the cab.

Anyone else experience this or similar problems? TIA

****
| Len Revelle lenrev@wwa.com |
| Illinois CIS 72607,1320 |
| KE9YR AMA 60055 |
****

4615. ALinco DR-605T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Jabran Soubeih <jabs@uval.geo.purdue.edu>
Message-ID: <Pine.SOL.3.92.960625234524.14402C-100000@uval.geo.purdue.edu>
Source record: 198819

I just bought a new DR-605T.
For everyone wondering, it's a good radio.
One kwirk, the squelch is digital and you can only adjust the band that is
active, no squelch knob.
It's not bad for intermod.
The mic is kinda cheesey

Does anyone have any mods for it yet?

Jabran
jabs@uval.geo.purdue.edu

4616. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Thor Wiegman <thorw@nidlink.com>
Message-ID: <01bb6317.0c8bb260$0d4960ce@thorw.nidlink.com>
Source record: 198820
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

> >: CW has a major advantage over phone. It can get thru where voice
can
> >: not. ESPECIALLY for emergency communications.
> >
> >Hi Phillip, maybe you could share this extremely enlightened knowledge
> >with the military who would love to have a mode with those
characteristics.
> >
> >73, Cecil, W6RCA, OOTC
>
> They *do* Cecil, it is called the STANG HF modem, works even better
> than PACTOR II (and *that* works lots better than OOK Morse). That
> OOK Morse can get through where SSB can't isn't exactly hot news.
> We've known that for decades. Of course when SSB can get through,
> it has higher throughput than OOK Morse. But both are bottom of
> the barrel methods compared to Clover, PACTOR, etc.
>
My experience with military comm (TSC-60 crew, 242 CCSQ, WANG) leads me to
believe that the bulk of military traffic is unsuited to CW because of
it's low throughput. 75 baud TTY and such are only used as the very last
resort because even they are so slow. In today's military, where just
about everybody and everything moves above mach 2, every piece of data
must be relayed ASAP because lives depend on it.

Sure CW will always have a place.....ELF submarine comms for example. But
there just isn't, and won't be, the demand for CW that there once was.

4617. Jammers caught in Oregon by PARG

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Bill <brunner@booker.com>
Message-ID: <31D0B4EA.77EF@booker.com>
Source record: 198821
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.radio.pirate,rec.radio.swap,rec.radio.amateur.equipment

PRESS RELEASE - PRESS RELEASE

Phantom s Amateur Radio Group, Portland, Oregon Phone (503) 818-PARG

ATTN: All Newspaper, Newsletter, and Magazine editors
(printed or on-line)

The following is an announcement of a local ham radio group catching a person causing malicious interference to a Police department radio system. Please feel free to publish. Send e-mail to mscott@teleport.com if you would like an electronic copy of this release sent to an e-mail address. 6/24/96

<START>

During June 1st, 1996 in Seaside Oregon, where the SEA-PAC ham convention was being held, a group of hams belonging to PARG (Phantoms Amateur Radio Group) were down on the beach front enjoying the annual PARG bonfire. One of the hams (KB7YZS) was monitoring the local Seaside Police Dept. He heard someone cursing and yelling at people. At first he thought it was coming from the UHF side on his hand-held transceiver, but to his surprise it was coming from the VHF side which was monitoring the police.

He promptly notified everyone at the bonfire to listen. After a few minutes of listening to the person, the members had figured out that the person was up in a balcony, was with 3 or more people and 2 of which were females. They realized this because of key things he said and voices in the background.

The 4 PARG members in the group (KB7YZS, KB7YZR, N7XMD, and AA7UP) just happen to be most of the PARG Interference Committee. They immediately activated the PARG Interference Committee direction finding operations. They promptly tracked down the interference to a specific location of the Shilo Inn and searched for someone matching the description. After only 5 minutes they saw a group of people on the third floor of the Shilo who matched the description. Then they saw him pick up his hand-held transceiver and speak into it. At the very same moment the voice on the police frequency was saying "Hey, fat ass, yea you in the black pants and the white shirt". While he was saying this on the Seaside Police frequency the members noticed a man wearing those clothes, a little on the heavy side walking directly underneath them.

One of the PARG members saw a Seaside Police patrol car in the area. A PARG representative approached the officer and asked him if he was looking for a person causing interference to the Police Frequency. He seemed very upset and replied "YES"! The PARG representative then informed the Seaside Police Officer where the malicious interference was coming from. Three other PARG members were on their way to the third floor when they saw the people (from the room/balcony where the interference was) come running down the stairs and away from the Shilo.

The officer took a report from the PARG representative, including an exact location of the motel room and spoke to the hotel manager. After 2 hours the interference started up again. The Seaside Police Officer went directly to the room the PARG Interference team pointed out and caught the person in the act of doing the deeds.

The above is known to be facts. The above mentioned is knowledge from speaking the PARG Interference Committee members and to a friend of the suspect.

The man who in is question has a call sign of KE6VNU and is from Central California. He apparently was in Oregon for the ham convention. Information indicates he was released from jail only a short time before this incident, the charge he was in jail for was malicious interference to the local police in his area. This obviously did not teach him his lesson. We understand that he caused a great amount of interference to the Sacramento County and Roseville emergency/public services communications and often identified himself on those malicious transmissions as "The Phantom Jammer". We were told the charge Seaside Police brought against him was "Interference of a police officer in line of duties".

Note: It is an unfortunate coincidence that the malicious interferer used the name "Phantom Jammer". He has absolutely NO association with or relation to PARG (Phantom's Amateur Radio Group), the group which located him & turned the necessary information into the Seaside Police which led to his arrest for the interference. We did not release this information until now at the request of the local law enforcement officials to prevent tainting their investigation.

This was PARG's second year in a row of providing public services during the Seaside Ham Convention. Last year several PARG members apprehended a purse thief (after a brief foot pursuit), returned the purse to the rightful owner, and detained the suspect until police could arrive. PARG also performed crowd control activities at this time due to the large number of people who stopped to watch the purse thief incident.

PARG is the Phantom's Amateur Radio Group in Portland, OR and is Portland's most active VE testing, repeater club, emergency communications, and ham radio group. Please visit our web page at "http://www.teleport.com/~mscott/dumb.shtml".

PARG, PO Box 1586, Beaverton, Oregon 97075-1586
Phone 503-818-PARG (24 hours)

Signed, PARG BOARD of DIRECTORS
Justin Bousquet, AB7NG, PARG President
John Mackey, KA0SSF, PARG Publicity Officer
<END>

4618. FOR SALE: ALINCO DJ-G5T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: ke6nmq@aol.com
Message-ID: <4qq89c$2kp@newsbf02.news.aol.com>
Source record: 198822

- 1 YEAR OLD
- 2 METER / 440
- HT 5 WATT
- DRY CELL BATTERY PACK
- MARS-CAP MODIFIED

PAID $600 ASKING $425

E-MAIL TO KE6NMQ@AOL.COM

4619. Re: WANTED: EMAIL ADDRESS FOR KANTRONICS IN USA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31D0C13C.6C6B@accessnv.com>
Source record: 198823

ANDY AT HERNE BAY,KENT,UK. wrote:
>
> Does any body have an email address for Kantronics in USA, preferably
> for technical sales enquiry..
>
> Andy....
>
> --
>
> Please reply via the newsgroup, or Email direct.
>
> maar13@dial.pipex.com or direct to University .
>
> AJR9@UKC.AC.UK Callsign G6MRI.
>
> University of Kent. England.
>
> From Andy, Herne Bay Kent England.
>
> Cheers, keep your end up........

Web Page is at Kantronics.com ...

E-Mail addresses are:
Sales - sales@kantronics.com
Service - Service@kantronics.com

Did you try one of the Web Search sites? "Yahoo" is excellent, and
probably would have found them almost immediately ... I tried it, and
came up with three matches for "Kantronics", the third of which is their
corporate Web Site. Yahoo is available thru the web at
HTTP://www.yahoo.com/, and is available either in a graphics or text-only
mode.

73, and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4620. Re: CW cannot not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4qqh4g$n9u@nnrp1.news.primenet.com>
Source record: 198824
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

"Thor Wiegman" <thorw@nidlink.com> wrote:
>Huffing and puffing
>thru the jungle would be these overweight, balding, 50 year olds with
>manpacks.

Hey, Thor, I resemble that remark! :-)

73, Cecil, W6RCA, OOTC

4621. Re: CW cannot not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Thor Wiegman <thorw@nidlink.com>
Message-ID: <01bb6315.da722f80$0d4960ce@thorw.nidlink.com>
Source record: 198825
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

> : ... I hear that elite units are still using CW as the most reliable
> : comms and that many units are REINTRODUCING CW training. :):)
>
> I hear it's a last resort in case of a life-and-death situation unlikely
> to occur except during combat. Last I heard, hams weren't in combat
except on
> internet.

Hahahahaha....close your eyes and imagine the army drafting hams for communications because they need people who know CW. Huffing and puffing thru the jungle would be these overweight, balding, 50 year olds with manpacks. Oh boy! I can't type any more, I'm laughing too hard!

4622. WTB 2 meter Duplexers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Stephanie Steele <kc7dba@primenet.com>
Message-ID: <31D0CFDA.4FD2@primenet.com>
Source record: 198826

Our club needs 2 meter duplexers. If you have such for sale please
contact me. Thanks in advance.

--
Stephanie Steele

e-mail address kc7dba@primenet.com
packet address kc7dba@kb7cfd.id.pnw.usa.noam

Thinking is the hardest work there is, which is
probably why so few engage in it.

-Henry Ford

4623. Re: NEWBIE Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31D0C2BA.4CCF@accessnv.com>
Source record: 198827

kf@ix.netcom.com wrote:
>
> I'm studying for my first license exam and have the following question
> that I can't find an answer for. I hope this is the right newsgroup
> to post it in.
>
> My question is, when do you use USB and when do you use LSB?
>
> Keith

As a convention, or a standard, the following applies:

Below 10 MHz, use LOWER sideband

Above 10 MHz, use UPPER sideband

in the amateur bands.

Most military and commercial stations use upper sideband at most times -
but you will find exceptions (as well as double-sideband emission, which
puts different information on each sideband).

73, and welcome to the hobby!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4624. Re: FT50 v. 508a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: childers@garlic.com
Message-ID: <4qp3qk$189c@quake.garlic.com>
Source record: 198828

I own both the 508a and the FT-50... I love them both. The 508 I carry all the time when I know I'll be close to a repeater... it works perfectly for me in those situations.

I have the FT-50 with both the high and low power packs, and with the low power pack the radio is just a tad bigger than the 508... but with many more features. I usually carry the 50 when I know that the 508 isn't going to cut it...
I only have two gripes about the FT-50... First, compared to the 508, the 50's antenna is much longer. Yes, I know that that translates into better receive and more gain on output, but where I usually operate that doesn't make much difference. I have used the 508's antenna on the 50 with much success, so much that I'm going to place an order with Standard for another 508 antenna for my 50.
My second gripe about the 50 is that some people have complained about the Tx audio being low. I've a fix, however. If the battery is taken off and the NiCd sticker removed, you expose the VHF and UHF deviation adjustments. The leftmost pot is the VHF, and the middle pot is UHF. DONT TOUCH THE RIGHT POT! That controls the PL tone frequencies! All I've done to my 50 is to twist both VHF and UHF pots about 1/8 turn clockwise, and my Tx audio problems are a thing of the past.

Bill Childers
KE6VVW
In article <31CF03DD.274D@nando.net>, Dennis / WR4i
<wr4i@nando.net> wrote:
>Hi!
>Has anyone compared these 2 dual-band HT's? I have the 508a but recently
>moved and need a little xtra watts to get out of these hills while
>portable. Really like the size of these rigs so looks like its the FT50
>that comes close to the 508? Aside from the obvious (power out and TTP)
>has anyone compared the performance out-of _band performance,
>sensitivity,etc. You'd have to pry the 508a out of my dying hands..but
>then the xyl would make sure I was dead if I brought another rig into
>this place<g>.
>Txs..
>Dennis,WR4i
>Chapel Hill,NC
>

>PS I use the SMA3 antenna. Helps, but not enough.

4625. ADI: Need their phone number or address.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Bill Nadzam <nadzam@garlic.com>
Message-ID: <31D012B4.D19@garlic.com>
Source record: 198829

```
Subject says it all I am looking for the importer
or the american rep for "ADI"
--
---------------------------------------------
Name: Bill Nadzam "K8WN"
E-mail: nadzam@garlic.com (Bill Nadzam)
---------------------------------------------
```

4626. Yaesu FT101E Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: trmach@cyberlink.bc.ca
Message-ID: <31cfea8a.610546@ns.cs.hku.hk>
Source record: 198830

I am looking for some basic information on this transceiver. Is it
solid state or tubes? What is the output power? When was it built?
Etc.

Terry Macham | A musicologist is a man who can read |
trmach@cyberlink.bc.ca | music but can't hear it. |
Kimberley, BC, Canada | |
-- Sir Thomas Beecham ------------

4627. Re: CW cannot not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: grhosler@mmm.com
Message-ID: <4qp17p$qd9@dawn.mmm.com>
Source record: 198831
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Madjid VE2GMI <orion@odyssee.net> wrote:

>Cecil Moore wrote:
>>
>> Maccabeus <maccabeus@gatecoms.gatecom.com> wrote:
>>
>> : CW has a major advantage over phone. It can get thru where voice can
>> : not. ESPECIALLY for emergency communications.
>>
>> Hi Phillip, maybe you could share this extremely enlightened knowledge
>> with the military who would love to have a mode with those characteristics.

>If the military are dumb, does mean we have to be. As for the truth of
>that, I hear that elite units are still using CW as the most reliable
>comms and that many units are REINTRODUCING CW training. :):)

>If you saw that movie on the guys who crashed in ALERT North Pole you
>saw that they had to ressort to CW type communication to talk to the
>search party because their battery was frozen (That was not fiction).

>---
>Madjid BOUKRI, VE2GMI Internet: orion@odyssee.net

The bottom line is that the military has VERY deep pockets that allow
them to use the latest in technology,.....on BOTH ends of the QSO.
As Hams we have the Fella with a IC-775, computer, three or four
towers with monobanders, talking with a another Ham with a homebrew
rig who's VFO swings with the varying line voltage in his country
(listen to Cuba lately?). To compare the ARS with the Coast Guard or
any other form of the military is comparing apples and oranges. I
guess since Cecil got his Vanity call he lost his sense of humor.

73 de KN0Z Gary in Wyoming, MN

Opinions expressed herein are my own and may not represent those of my employer.

4628. Motorola Visar software

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: sgrgasov@jagor.srce.hr
Message-ID: <4qohar$i60@bagan.srce.hr>
Source record: 199013

I'm looking for Motorola Visar ~440Mhz (70cm) programning software.
Have other Motorola software for trade.

Thanks...

--

-- Sasa Grgasovic ContactInfo ----------------------------------
mail :sgrgasov@jagor.srce.hr URL: http://jagor.srce.hr/~sgrgasov
phone:098/200-001 IRC:sysop radio:6.6666mhz USB, 27.025mhz AM
001/345-816 MANIAC 168.825mhz FM +4.5 ZWEI: 27595
---------------------------------- GENOCIDE technologies -------

4629. IC02 AT programming instructions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: rmikulski@InfoAve.Net
Message-ID: <4qonae$lih@news1.sunbelt.net>
Source record: 199014

I recently acquired an ICOM IC02 AT V.H.F. portable however did not get any programming instructions with it. Does anyone have a text file that they can send to me. Thanks for any help.

rmikulski@infoave.net

4630. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: jafl@msg.ti.com
Message-ID: <4qoq6n$nij@ganesh.mc.ti.com>
Source record: 199015
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

I would like to respond with two points here:
1) History is once again repeating itself. A while ago E.F Johnson said nearly the same thing when the CB craze was catching on. They cut their ham radio line and went full force in the CB market. A lot of hams remembered this when the CB craze ran it's course, and the Johnson Ham gear didn't sell either. Too bad, the Johnson gear was usually top quality, but that doesn't override a bad image.

2) Even though we don't like it, Kenwood is sending us a message to which we should react positively. Even though it may not be totally true, ham radio IS ailling. We need to stop bickering, start thinking positively more often. We need to accomplish some major breakthroughs through a combination of synergism, persistance and expertise. An example: we have the expertise among us to create a mobile data network that could pale any commercial system out there. All we need is the desire to accomplish something like this.
Jim W0oog/5 in Plano TX

In article <31CBCD4B.751C@ccsnet.com>, k1oik@ccsnet.com says...
>
>Kenwood and Microsoft agree ham radio is dying.
>(but I told you that a long time ago)
>
>KENWOOD DEFENDS DISTRIBUTION PLANS
>
>Kenwood Communications Corp says its recently announced plans to make its
>products available in more retail outlets will help to rejuvenate ham radio.
>Citing concerns about the future of Amateur Radio and a changing business
>climate, Kenwood announced it was taking "some bold steps" to revamp its
>wholesale distribution scheme.
>
>In a June 10 open letter to the Amateur Radio community, Kenwood's
>Amateur Radio Products Group National Sales Manager Paul Middleton,
>KD6NUH, painted a dismal picture. "When we looked at where Amateur Radio
>is today, and where it is going to be in ten years at the present rate
>of decline, the future looks bleak," he wrote, citing competition from
>unlicensed communications modes. (internet).
>
>

> "It is also obvious that the rate of no-code licensees is slowing
down
>with fewer and fewer people upgrading," Middleton wrote. "Amateur
Radio
>dealers should be more interested in attracting new people to our
hobby.
>Every current amateur operator who wants this hobby to continue should
>be promoting ham radio to non-hams."
>
>
>* Microsoft Network (MSN) has dropped its Amateur Radio Forum, reports
the
>unofficial forum manager Rick McMillion, WB7UGZ. He said MSN gave him
the
>word recently in a terse e-mail message. McMillion says he had no
warning
>that MSN was going to dump the forum.

4631. Re: Alinco DR-150T: Opinions, please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: sunfox@imonics.com
Message-ID: <4qou7p$9u@laptev.imonics.com>
Source record: 199016

In article <4qnsq9$317@earth.superlink.net>, abbot@superlink.net (Rich Abbot) writes:
>
> I am considering the purchase of this 2M mobile radio, and I would
> appreciate any input on it from current owners. Good choice? Bad
> choice?

I've been extremely happy with mine...easy to install and easy to use. I had it in the truck with a little over 3 hours of work (with most of that dead time explaining to my brother what I was doing! :)

It's a powerful little radio...I regularly hit 146.88 here in Raleigh from Haw River to the west to East Fayetteville in the south.

When my stepfather gets his ticket, that's the radio I'll install in his truck.

SunFox

--
*** ** Erik Williams (KF4JKR)
** *** Programmer / Sybase DBA (CEG Text Processing)
*** ** Imonics Corporation (a subsidiary of Medaphis, Inc.)
** *** Cary, North Carolina

"Captain, it is me...Ensign Pulver! I just threw your stinking palm tree overboard. Now what's this crud about no movie again tonight?"

4632. Req: Antenna plans for 440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: pleatman@laparoscopy.com
Message-ID: <31cff3f9.3375910@141.210.10.152>
Source record: 199017

I have a friend about 30 miles away and although we can talk via a repeater, I would like to see if we can communicate without it. I only have an HT dual band, so I only have 5 watts to work with. Does anybody have plans for a directional antenna for either 440 or possibly 2 meter and 440?

Thanks.
Mark
KC8DRG

4633. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qouli$7d8@brokaw.comm.mot.com>
Source record: 199018

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it. Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4634. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qounq$hva@brokaw.comm.mot.com>
Source record: 199019

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it. Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4635. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qoukr$gj6@brokaw.comm.mot.com>
Source record: 199020

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it.
Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4636. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qoun6$mv0@brokaw.comm.mot.com>
Source record: 199021

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it.
Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4637. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qous0$mv0@brokaw.comm.mot.com>
Source record: 199022

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it.
Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4638. FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: hep@tommie.tmisnet.com
Message-ID: <0000109000000C69@tommie.tmisnet.com>
Source record: 199023

YEASU DOES IT AGAIN!!!!!

(to the consumer that is)

(the ft-50r what next)

1. no way to charge the battery off the radio (slow charge)

well have no fear for a few extra bucks they have one comming out soon!!

2. The filter is wrong (oh well I allow one screw up)

3. The voice mail paging system don,t work! (why the hell did I buy the

FTT-12 for?)

4. I remember Yeasu at the convention laughing at Kenwood for forgetting

a skip function on thier radio !!! (they were saying hey looky here)

5. will Yeasu lower the price of thier ftt-12 at least to compromise

for the reduced functions of thier product (Hell no baby needs a new pair

shoes!!!)

6.In my humble opinion (this is my opinion)

.....

4639. MFJ 6 meter rig any good? Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: baack@monet.umecut.maine.edu
Message-ID: <4qp0sf$1bdc@sol.caps.maine.edu>
Source record: 199024

Hello all,

I am looking to get into 6m ssb, and I have a some-what limited budget.
I would love any information that you have on the MFJ 6 meter ssb rig..
Any good... Comments suggestions..
How much "modification" will I have to do to the rig before I get it
to work right?
(I had a 1276 TNC .....That is another story..)

Any help would be great.

--J
baack@monet.umecut.maine.edu

http://umecut.maine.edu/~baack
AT hiking meets HAM radio ..(for 2,159.9 miles that is..)

4640. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qp26d$mv0@brokaw.comm.mot.com>
Source record: 199025

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it. Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4641. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qp29q$mv0@brokaw.comm.mot.com>
Source record: 199026

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it. Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4642. Mods for the Dentron MLA 2500

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: lawrence.wald@lerc.nasa.gov
Message-ID: <4qp3sv$69f@sulawesi.lerc.nasa.gov>
Source record: 199027

I saw someone on packet who had posted a 2500 for sale, with the addition that it had the "Briley" or "Riley" mods performed on the amp. Does anyone have any idea what the mods were and how I could get a copy of them.

Thanks.

Larry, KE8GW

--
==========
Lawrence.Wald@lerc.nasa.gov
NASA Lewis Research Center
21000 Brookpark Road
Cleveland, Ohio 44135
Work Voice(216) 433-5219
Work Fax(216) 433-8660
Home Voice(216) 774-6848
==========

4643. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qp2hv$mv0@brokaw.comm.mot.com>
Source record: 199028

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it.
Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4644. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qp3eu$mv0@brokaw.comm.mot.com>
Source record: 199029

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it.
Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4645. Re: Does anyone know of specs for a Motorola MRTI 1000 phone patch?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qp47p$mv0@brokaw.comm.mot.com>
Source record: 199030

The capabilities depend on what options are in it. What are you going to use it on? If you are going to use it on the Mitrek base station you should have the Enhanced VOX option. Look at what plug in boards are in it. If it has one that says MTEV, that's the enhanced VOX. That provides a 1/2 sec voice delay so the phone line audio is not clipped on the first sylable. If you use it on a repeater you don't need it.
Also look at the PROMS in it. You probably want the Multiple Utilities option. Without that option, the access code is either * or #*. With the option you can program in a longer access code. The manual # is 68-80309E12 and Parts has them in stock for $15. Good luck with it.

Skip
K9SA

4646. camera infos needed...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: tnfechne@cip.informatik.uni-erlangen.de
Message-ID: <4qp3k6$pnq@rznews.rrze.uni-erlangen.de>
Source record: 199031

hi,

I am searching for any description of the following camera model:

- color CCD-Camera Modul
- manufactured by AT&T
- ID: Video Camera PV Camera 200-NTSC /201 PAL

this model can be pluged to a computer-card. therfor there is a conector
with about 8 (i don't know it now) pins.
an other conector is for the vidoe output and the power surply.
it works all fine, execpt if there is to many light.
i think, as it is a computer camera, there must be an option to regulate the
chip or something in this way.

any help is welcome, also the description of the other pins at the 2
conectors.

thanks for answering ;-)

ps: please send any infos as a PM to
Torsten.Fechner@rrze.uni-erlangen.de
not to the newsgroup because it is normaly no ony of my favourit ones....

+--+
!Torsten Fechner, Amateur-Radio:DG7RO Mybbs:DB0ABH.#BAY.DEU.EU !
! Novell-Administration Rechenzentrum Erlangen Tel:+49-9131-85-7945 !
! Freeware/Virus-Betreuung Fax:+49-9131-85-302941 !
+--+

4647. ICOM 706 audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Bill_Combs@mgdmug.ORG
Message-ID: <199606251307.00055118@mgdmug.org>
Source record: 199032

I have read some reports on this and other lists about audio problems on the ICOM-706. I have had mine for a few months. As I recall some people have said it has good audio. But recently a couple of fellows, who I thinks are careful
listeners, suggest that the audio on SSB is somewhat narrow and restricted, like a Heil DX mike. Has anyone else noticed this? Is the problem just in the microphone? Any solutions?

Bill K4CPK

4648. WANTED: TH-22AT Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Connie Hulst <chulst@polar.polarcomm.com>
Message-ID: <31D01614.3ADA@polar.polarcomm.com>
Source record: 199033

If anyone has info on a Mars or (better yet) "beyond Mars" mod for the Kenwood TH-22AT, please post/mail it. Can't find any on www.qrz.com or oak.oakland.edu.

TNX DE Nick Hulst, AA0VY

4649. Re: Dual band mobile questions/opinions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Connie Hulst <chulst@polar.polarcomm.com>
Message-ID: <31D01732.3204@polar.polarcomm.com>
Source record: 199034

robbin decker wrote:
>
> I want to buy a dual band mobile, however it seem that there are a lot
> of variables. Alinco sells the new 605 for what other used rigs asking
> prices are, and I am sort of confused by the different features in the
> Icom lineup (2350 vs.2340, etc.), so I am asking for opinions on what
> you find desirable with your rig, as well as dislikes and needless
> features, intermod problems, etc.. I have a DJ580T and like Alinco but
> am not a big HT user, so it sits in the drawer most of the time. I am
> kind of gravitating to the Alinco and Icom line, but would like to
> hear some Kenwood opinions as well.
> Also, if you have a dual bander that you want to sell, let me know.
> TNX and 73

I use a Kenwood TM-733A which I like quite a bit. I don't live in an area where intermod is a problem, but I once drove through St. Louis and found that the "Advanced Intercept Point" knocks down the intermod pretty well. The 733 has wide-band receive on both bands (wider after you perform the Beyond Mars mod), and plenty of memories to handle most of what you want to listen to. My only gripe is that it scans quite slow. I would still recommend this rig to anybody.

73 de Nick Hulst, AA0VY
(Oh by the way--the 733 is remote-controllable from your HT, although the manual doesn't tell you how. Go to http://www.qrz.com/mods to find out how to remote control and cross-band repeat!)

4650. Distributer of an M 57729 RF Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: BFletche@mail.state.wi.US
Message-ID: <31D04B68@ecbgateway.wecb.state.wi.us>
Source record: 199035

I have a Kenwood TM 401-B UHF FM transceiver. The rf amp is an M 57729. I know RF Parts carries it, but are there any suppliers of this module in the U.S.?

BTW, are there any mods for this radio?

Thanks in advance.

Bill Fletcher AF9B
Bfletche@mail.state.wi.us

4651. Req. for Comments - FT50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: bnr@universe.digex.net
Message-ID: <4qpb1g$8lt@news4.digex.net>
Source record: 199036

I'm just about ready to take my exam for my Tech license and think it is about time to start looking for my first HT. I'd like a dual band and as a long time scanner nut, I like the FT50R extended RX.

What I am wondering is does anyone have any comments on this radio. What are its good points and bad points? What kind of accessories are useful? Should I go with 2 watt or 5? and what are the differences in the different batteries? And what other radios would be in the same price range and worth comparing?

I know its a tall order, but if you have any experience with the radio - I would love to hear whatever you have to say...

Thanks in advance,

=-=-=-=-=-=-= Brian Raines <bnr@universe.digex.net> =-=-=-=-=-=-=-=
---
http://www.universe.digex.net/~bnr/3000.html The Uniden BC3000xlt

"Forget that blind ambition, And learn to trust your intuition,
Plowin' straight ahead come what may" - J.B.

4652. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: John Hughes <afn01079@afn.org>
Message-ID: <4qpdm2$89k@huron.eel.ufl.edu>
Source record: 199037
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>
> Madjid SuperUser <orion@odyssee.net> wrote:
>
> >About Kenwood, I use a Kenwood HF RIG but next rig will be
> >YEASU or TEN-TEC. Vote with your wallet !
>
> >Madjid VE2GMI
>
> Madjid,
> Make it ICOM or TEN-TEC. Vote with your wallet and your brain.
>
> 73, Jim KH2D

Well, fill me in. What's your objection to Yaesu...nationalistic?

4653. Re: FT-900at Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun25.165507.5295@ke4zv.atl.ga.us>
Source record: 199038

In article <4qnl0j$u2f@news2.acs.oakland.edu> prvalko@vela.acs.oakland.edu (prvalko) writes:
>I called Yaesu (Did you know they pronounce it - Ya Hey Sue?) and the
>tech support was next to worthless. I think it's just a clerk with a
>book of modification notes. I guess I've been spoiled by Ten Tec.
>
>Anyway... I have my FT-900 torn apart on the bench and have been probing
>around the LO circuits. This thing has FOUR local oscillators and the
>CPU picks which one to use depending on the dial frequency. I am thinking that
>one of the LO is running when it's not supposed to be and that's what
>causes the white noise. There is an IC that does BCD/decimal
>decoding and it may be what's causing the trouble. Pretty hard to work
>on a rig without voltage charts!
>
>I've gotta call Yahaysue tmw and order the freaking service manual.

You should always do that first thing for any radio you intend to keep. The service manuals seem to go out of print quickly.

Ok, now here is what I think you will find. I think you'll find that the correct LO is being selected, but that *it* has developed a problem causing it to generate lots of noise. The transistor or varactor could be acting like a zener "noise source", or a bypass cap may have failed.

If you can scrounge up another receiver which will cover the LO range, make a "sniffer" loop and hunt the source of your noise. I expect it'll be coming from the selected LO.

Gary

--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4654. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun25.164724.5211@ke4zv.atl.ga.us>
Source record: 199039
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4qmtsa$rrh@nnrp1.news.primenet.com> Cecil Moore <kg7bk@primenet.com> writes:
>Maccabeus <maccabeus@gatecoms.gatecom.com> wrote:
>
>: CW has a major advantage over phone. It can get thru where voice can
>: not. ESPECIALLY for emergency communications.
>
>Hi Phillip, maybe you could share this extremely enlightened knowledge
>with the military who would love to have a mode with those characteristics.
>
>73, Cecil, W6RCA, OOTC

They *do* Cecil, it is called the STANG HF modem, works even better
than PACTOR II (and *that* works lots better than OOK Morse). That
OOK Morse can get through where SSB can't isn't exactly hot news.
We've known that for decades. Of course when SSB can get through,
it has higher throughput than OOK Morse. But both are bottom of
the barrel methods compared to Clover, PACTOR, etc.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4655. Re: MFJ 6 meter rig any good? Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4qpdb9$2l2@omnifest.uwm.edu>
Source record: 199040

Here's a little anecdotal info...

A local here in southeastern Wisconsin worked Mississippi using one of those 10w MFJ rigs using a dipole strung up in his (ground floor) living room!

I myself worked a guy in Colorado Springs who was using the MFJ with a very low elevation dipole.

For what it's worth, the latest (July) issue of the British ham magazine "Practical Wireless" carries a review of the MFJ 6m rig. It indicated that MFJ was apparently having serious quality-control problems, at least initially.

73,

Rick WB9GYT
Milwaukee, WI

4656. Re: HR2510 10m tcvr repeater/split mod possible?/

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <31D07718.7B8E@nando.net>
Source record: 199041

paul newman wrote:
>
> does anyone have any info on if/how/is it possible to add repeater
> offset to this little rig? it has been suggested that a new eprom or
> similar is available - if so any ideas on where to obtain it??
> thank you
> paul newman
> vk8pn
> pauln@ozemail.com.au
Hi Paul. I think you can simply install a different tx mixer xtal on a
switch. I think the stock tx mixer xtal is a 10.something mhz. Look into
yours and let me know. I have a couple of spares left over from a recent
10 meter conversion project, and may have what you need. The xtal change
is a lot easier than pll mods.

73
--
Dave Hockaday Wb4iuy
wb4iuy@nando.net

http://www.webbuild.com/~wb4iuy/
http://www.webbuild.com/~wb4iuy/teara.html
http://www.RTPnet.org/~fcarc/
http://www.RTPnet.org/~rdrc/
http://www.geocities.com/TheTropics/3349/
http://www.geocities.com/TheTropics/3341/
http://www.geocities.com/TheTropics/3489/
http://www.geocities.com/TheTropics/3212/

4657. Alinco DR-610T Air-AM Receive?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: rambrose@unm.edu
Message-ID: <4qp9q9$ac5@lynx.unm.edu>
Source record: 199042

Just purchased the DR-610T but can't get the Air Band on AM. Followed the manual instructions but to no avail. Does a mod need to be performed before receive is possible?

Thank you in advance!

4658. Re: Help: Desk Mic with IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4qpdne$nn0@newsroom.HITC.COM>
Source record: 199043

> but the audio is kinda crappy and listeners
> report a wide, mushy signal that lacks base response.

I confirmed with listeners that turning the carrier offset to -200 improves
the bass response with the hand mic.

> 2. When using my Heil on the old IC-751A, I had to build a preamp
> circuit to get the Heil to adequately drive the Icom. Is the
> same true when running the 706?

I wired up my Heil desk mic with an ethernet RJ-45 plug to 4-pin mic connector
and was disappointed that the audio level was so low. If you don't have the
compressor on, forget it--if you do, it's pretty weak. I am guessing you'll find
this too. I'm no impedence guru, but possibly there is some sort of coupling
that's work better to be used I am unfamiliar with.

> 4. Where do you, IC-706 owners, run your mic gain, compression level,
> and carrier-shift? What settings ? I usually keep mic gain at
> 6 or 7 (depends on HF band), Compression at 12:00, and carrier
> shift at -100.

Mic gain is stored by individual band, so ensure you check the Q menu for each one!
(It may even be stored for each mode by band and memory channel--I am unsure). I
had too much background noise reported with the car window open on 2 FM when mic
set above 4. On HF, it seems like 5-10 works okay, so 7-8 works for me. It seems
to me like far too many folks talk too loud into their mic, so try different
distance from your mouth if you can't control your enthusiasm. The compression
level I adjusted per the manual (be sure to count all the way to and say "five"
when testing to ensure you get a real audio peak). See above on carrier.

73 de Chris NR3O

4659. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31D04CEC.6148@ccsnet.com>
Source record: 199044
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Jim Kehler wrote:

> If the FCC asked me tommorrow to answer one question,
> 'What have you done to justify the existance of Amateur Radio' ?,
> I honestly would have to answer 'Nothing'. Unless passing out
> 30,000 QSL cards can be condsidered 'international goodwill'.

Oh, then you are a typical ham.

#===============#===#| Burt Fisher |
Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#===============#===#| k1oik@ccsnet.com
|
#===#
http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4660. WANTED: EMAIL ADDRESS FOR KANTRONICS IN USA

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: MAAR13@dial.pipex.com
Message-ID: <4qp9f8$iq5@tube.news.pipex.net>
Source record: 199045

Does any body have an email address for Kantronics in USA, preferably
for technical sales enquiry..

Andy....

--

Please reply via the newsgroup, or Email direct.

maar13@dial.pipex.com or direct to University .

AJR9@UKC.AC.UK Callsign G6MRI.

University of Kent. England.

From Andy, Herne Bay Kent England.

4661. hallicrafters receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: ra5me@ix.netcom.com
Message-ID: <4qph3n$6et@dfw-ixnews3.ix.netcom.com>
Source record: 199046

HALLICRAFTERS SX-130 4 SALE GOOD SHAPE NEEDS 1 KNOB AND SPKR , STILL
HAS THE ORIGINAL TUBES!

4662. Re: ICOM IC-706 - Can it transmit on 70 MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Simon Lewis <slewis@pacsat.demon.co.uk>
Message-ID: <OPurxbAR3F0xEwsa@pacsat.demon.co.uk>
Source record: 199047
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

In article <ADF0EFC69668231C7@g4udt.demon.co.uk>, Yves Remedios
<yves@g4udt.demon.co.uk> writes
>Well said Chris. GM4PLM is sadly typical of UK radio hams who thiink they
>are entitled to everything in life for nothing.
>
>I would have thought that the mod info is well worth the cover price of the
>magazine, particularly as I know many others have tried this modification
>and nobody has succeded so far...
>
>If you succeed with this mod, you are certainly to be congratulated!
>
>
>

Unfortunately you are sadly mistaken Yves

I certainly don't expect something for nothing! There ain't no such
thing as a free lunch!

However, knowing the lead times for HRT articles (sometimes over 12
months), I did wonder whether such an item would be better published on
the internet first.

Sadly the UK 4M is very much under used and with such a mod on the
loose, owners of IC706's like myself, could quickly increase activity
100 fold!

many people still do not have access to the web and I am sure 99.9999%
of HRT readers would still buy that issue anyway - regardless of the
mod, and indeed many others would buy it for the mod too.

Although not a direct attack on Chris or Sheila, IMHO there are many
amateurs involved in the industry only too quick to make a fast buck out
of the hobby - irespect of whether its their hobby or work - the same
goes for many other hobbies too. A conflict of interest perhaps?

Its also a sad fact that many people in the hobby can only ever make
negative criticism of other peoples comments too - get my drift.

Keep smiling Chris!

Simon Lewis GM4PLM
Email: slewis@pacsat.demon.co.uk
Packet: GM4PLM @ GB7SAN

4663. Re: ICOM 706 audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DtKoAK.9K6@iglou.com>
Source record: 199048

Here we go again! I wish Icom would put in their manuals how to adjust this.

Get into the menu, Q4. Change your carrier frequency to about 0 or a bit lower. This will give you all the lows you need. The 706 has great audio now! 73

Bill Combs (Bill_Combs@mgdmug.ORG) wrote:
: I have read some reports on this and other lists about audio problems on the ICOM-706. I have had mine for a few months. As I recall some people have said it has good audio. But recently a couple of fellows, who I thinks are careful
: listeners, suggest that the audio on SSB is somewhat narrow and restricted, like a Heil DX mike. Has anyone else noticed this? Is the problem just in the microphone? Any solutions?

: Bill K4CPK

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4664. Software for IC706 please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Dennis Freedman <Dennis@g3vsh.demon.co.uk>
Message-ID: <835738656snz@g3vsh.demon.co.uk>
Source record: 199049

HI
I recently posted a msg saying that I'm a white stick op needing help using an Icom IC706.
I received no replies (probably because most people would think that wihtout sight it would be very difficult to use this rig.
I am pleased to say that with initial help in setting up the rig I am able to use all the essential functions and am fast learning the others.
However, the ideal would be to operate the rig with a computer (I have a PC with a speech synthesiser). I have as yet found no software to drive this rig and would appreciate any help in locating it, preferably demo versions so I can see whether the software will work with speech, and preferably via the Internet as this would save me time.
Any help welcomed.
73 de Den G3VSH.

--
Dennis Freedman
Blind jazz musician and educator
(Work: City College Manchester (UK); tel.: (+44) (01) 61 957 1720;
Home: Amateur Radio Station G3VSH; tel.: (+44) (01) 706 82 3022).

4665. Amateur Radio Plaques & Engraving

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: ASPW25E@prodigy.com
Message-ID: <4qph6i$28s8@usenetz1.news.prodigy.com>
Source record: 199050

http://members.gnn.com/kn3a/plaques.htm
-
KN3A-CAMELLIA TROPHY SHOP

4666. Re: Ten-Tec Titan

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: lmenzel@millcomm.com
Message-ID: <4qpi6g$q0m@misery.millcomm.com>
Source record: 199051

I'm relatively sure TT quit making the Titan because the overhead on them was extremely high and the profit margin just wasn't there...

Additionally. I owned one for 2 and half years. I ran it everyday, worked it for contests, dx pileups, general rag chews, etc. I never had a finer amplifier. Absolutely rock solid, reliable and rugged. The huge outboard power supply gets all the heat (except tube heat) out of the rf deck. My power supply transformer did develop a "buzz" but that was easily cured by tapping a couple of shims under the strapping around the laminates of the core.

The tubes are expensive, true, but if you are careful about SWR and antenna selection, watch the drive level from your exciter, the amp should serve you well for many ;years. Just like any other fine piece of equipment, handle it with care, use good judgement and don't expect it to do anything out of the ordinary.

I found that with a small modification it worked well on all bands, too.

This is a great amplifier. I sold mine when I reduced my ham radio activity a couple ofyears ago, and I regret having done so now, especially because they are not building them anymore. I'd buy another one in a heartbeat.

Because you will be buying a used piece of equipment, look for obvious overheating problems, burned leads, etc...any other signs of abuse. Check the full break in capability, the machanical relay sometimes goes bad...and its expensive. They use a mechanical vs a pin diode matrix because of the reliability factor.

If you can, have the owner load the amp up into a big dummy load or on a dead band. The amp should easily deliver 2000 watts with about 100 watts of drive or less. It should loaf along at 1500 out. I used mine for CW contests and the air from the tube chimneys hardly got warm!

Good luck. It's a good piece of gear. QST reviewed it, as I recall, and that would have been in about 1989-90 or so.

Larry Menzel, N0CIB
Northfield, MN

In article <DtCMzI.5EL@iglou.com>, n4lq@iglou.com says...
>
>Just be sure you are aware of the price of replacement tubes. They are
>very expensive. I wouldn't doubt if that is the reason TT quit making the
>amp.
>

>
>Stacey E. Mills, M.D. (sem2r@virginia.edu) wrote:
>: TOM, LA9GX wrote:
>: >
>: > Can anyone give me a qualified opinion on the Titan amplifier??
>: > Referanses to review-articles etc. wanted to.
>: >
>: > 73 de tom, LA9GX
>
>: Yeah, like all Ten-Tec stuff, it's well made and extremely well
supported
>: by a fine staff in Tennessee.. I've had one four about 18 months.
>: Bought it used and love it.....I believe that Ten-Tec has discontinued
>: making new ones, but I'm sure they'll support the ones out there
>: "forever."
>
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4667. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31D04C55.1F53@ccsnet.com>
Source record: 199052
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Jim Kehler wrote:

> Don't tell me. You went to Dayton and did a butt survey. YOU were the
> guy I heard about who kept sticking his head under the stalls in the
> men's room..... and I though they said perVERT, with the QRN they
> must have been saying perBURT. Burp, you're a dirty old man.

No no no, you got it all wrong I said I was the Atypical ham.
The typical ham is what you describe.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=========================================================#
| k1oik@ccsnet.com |
#=============================================================================#
```

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4668. Re: IC-706 Logbook/Cable Offer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
Message-ID: <4qpecd$nn0@newsroom.HITC.COM>
Source record: 199053

> Just thought I'd put in a nice word for Icom re their 706 registration
> gifts. Got the logbook today with a letter saying that the OPC-581
> Separation Cable was back-ordered until September, and a SASE with a check
> box to request a MB62 Main Unit Mounting Bracket in its place or to
> continue to wait on the cable.
>
> Since I had already purchased the Cable on my own and didn't have the
> bracket, I really appreciated this option.
>
> Thanks Icom for 'making it right' after the delay.

Well...I have just the opposite viewpoint! I have been strung along by Icom that the cables were backordered, but was SHOCKED to see, not the "few weeks" they told me, but now (in the letter), 3 MORE MONTHS!! I really need the cable to complete my auto installation and move away from the temporary installation that's kind of dangerous in my case and has limited my mobiling.

Since the cables are readily available for purchase ($50), it strikes me as very strange we're looking at 3 more months "for more." BTW, I think the bracket is worth only half the cable (or should I say the overly inflated retail prices they are charging are 2x apart), so I don't see any "making it right" when you come right down to it.

Chris, NR3O

4669. NEWBIE Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: kf@ix.netcom.com
Message-ID: <4qpkud$4hg@dfw-ixnews9.ix.netcom.com>
Source record: 199054

I'm studying for my first license exam and have the following question
that I can't find an answer for. I hope this is the right newsgroup
to post it in.

My question is, when do you use USB and when do you use LSB?

Keith

4670. Scancat Software Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: ibmgary@aol.com
Message-ID: <4qpqk8$oa8@newsbf02.news.aol.com>
Source record: 199055

Looking for the complete package.

Mention version number in your E-mail reply.

Gary Brown, WA2ROV
Cary, NC

4671. Re: Info on Mizuho Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: babineau@bnr.ca
Message-ID: <4qpl43$3k@bmerhc5e.bnr.ca>
Source record: 199056

In article <31CEE52F.465C@cae.wisc.edu>, Albert Lozano <alozano@cae.wisc.edu> writes:
|> I would like to know if somebody in the
|> group knows about a monoband handheld
|> transceiver for 20m or 40m that is
|> manufactured under the name of Mizhuo (??)

|> Albert
|> alozano@cae.wisc.edu

Albert :

These were sold in the U.S. a few years ago by JCOM (now bankrupt).
A few of us managed to buy one from Ramsey who were having a sellout
last summer (they bought out the JCOM stock).
AEA, sold what appears to be the same radio under the name DX-Handy
a few years ago as well.

I don't think that there is anyone in the US that is currently
selling these rigs.

They are single band Superhet SSB & CW (no sidetone, manual tr/switching)
with 2 crystals and a VXO giving 50KHZ per crystal
(selected via a 2 position switch). Also includes a noise
blanker, RIT, BNC antenna Jack and top mounted jacks for Microphone and
speaker, plus a top mounted momentary switch for CW. The bottom of the
rig has connections for external power / battery charger, external CW
key, and a SSB/CW switch. It can be powered via AA alkaline or Nicads
and output is 2 Watts. You may also connect an external 9.5V supply.
They are HT sized and shape, slightly bigger than most of the VHF HTs,
and also have a built-in speaker and MIC.
Models were available for most bands from 80m to 6m.

Michael VE3WMB
++
+ Michael Babineau, Bell Northern Research +
+ Ottawa, Ontario, Canada +
+ babineau@bnr.ca +
++

4672. Re: Kenwood and Microsoft say ham radio dead? Take your Prozac.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31D08010.425C@southwind.net>
Source record: 199057
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Tom Zoch wrote:
>
> Don't forget Bill Gates (Microsoft) is one of the Major players behind the
> Leo Satellite people who want to take over our Ham bands. It is no surprise
> that they want to call it dead! Apparently Kenwood will be making the
> electronics for them and are also willing to turn there backs on us. I will
> never consider buying a Kenwood product.
>
> Tom
> KC7PMQ

Let us also not forget that Bill Gates is also the main man behind the X-files (a government front program explaining mysteries that way the govenment wants us to know them). Also, Hitler is not dead, a 9000 lb baby was born to a 1 day old infant in the oval office and the FCC is run by the unabomer.

The government is watching - you may now become so paranoid that you turn to drugs, supporting the defict by paying the columbian drug lords who got Clinton into office. Also, Mr Clinton is a changeling and Bill gates is a KGB agent and quite possibly a Borg.
--

.....It said, "Insert disk #3," but only two will fit!

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx

4673. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: tomz@premier1.net
Message-ID: <DtKovI.62A@data-io.com>
Source record: 199058
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Don't forget Bill Gates (Microsoft) is one of the Major players behind the Leo Satellite people who want to take over our Ham bands. It is no surprise that they want to call it dead! Apparently Kenwood will be making the electronics for them and are also willing to turn there backs on us. I will never consider buying a Kenwood product.

Tom
KC7PMQ

4674. Wanted PakrattII Windows

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Terry Herndon <therndon@mb.sympatico.ca>
Message-ID: <31D07B9B.BC2@mb.sympatico.ca>
Source record: 199059

Anyone have PakrattII for windows for AEA TNC they would like to sell?
Please e-mail with info to therndon@mb.sympatico.ca

Tnx 73
Terry Herndon
Rivers Manitoba
Canada

4675. Re: NEWBIE Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4qpniv$4pn@nnrp1.news.primenet.com>
Source record: 199060

kf@ix.netcom.com wrote:

: My question is, when do you use USB and when do you use LSB?

Hi Kieth, If I remember right, modulating a 10.7 MHz signal and then mixing it with a 3.5 MHz signal results in 7.2 MHz and 14.2 MHz. So these early (cheap) SSB generators resulted in LSB below 10.7 MHz and USB above 10.7 MHz and the convention is still in use although there is nothing to keep someone from reversing the sidebands with modern transceivers.

73, Cecil, W6RCA, OOTC

4676. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Cecil Moore <kg7bk@primenet.com>
Message-ID: <4qpn05$3qd@nnrp1.news.primenet.com>
Source record: 199061
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Gary Coffman <gary@ke4zv.atl.ga.us> wrote:

: That OOK Morse can get through where SSB can't isn't exactly hot news.
: We've known that for decades. Of course when SSB can get through,
: it has higher throughput than OOK Morse. But both are bottom of
: the barrel methods compared to Clover, PACTOR, etc.

Hi Gary, when anybody says, "CW gets through when nothing else does",
they obviously mean, "Of the modes I have chosen to equip myself with,
CW gets through when nothing else does." Course, someone else might
truthfully say "Of the modes I have chosen to equip myself with, smoke
signals get through when nothing else does." :-)

73, Cecil, W6RCA, OOTC

4677. Oregon hams bust jammer (PARG)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: Bill <brunner@booker.com>
Message-ID: <31D0A57F.2F64@booker.com>
Source record: 199062
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

PRESS RELEASE - PRESS RELEASE

Phantom's Amateur Radio Group, Portland, Oregon Phone (503) 818-PARG

ATTN: All Newspaper, Newsletter, and Magazine editors (printed or on-line)

The following is an announcement of a local ham radio group catching a person causing malicious interference to a Police department radio system. Please feel free to publish. Send e-mail to "mscott@teleport.com" if you would like an electronic copy of this release sent to an e-mail address. 6/24/96

<START>

During June 1st, 1996 in Seaside Oregon, where the
SEA-PAC ham convention was being held, a group of hams belonging to PARG (Phantoms Amateur Radio Group) were down on the beach front enjoying the annual PARG bonfire. One of the hams (KB7YZS) was monitoring the local Seaside Police Dept. He heard someone cursing and yelling at people. At first he thought it was coming from the UHF side on his hand-held transceiver, but to his surprise it was coming from the VHF side which was monitoring the police.

He promptly notified everyone at the bonfire to listen. After a few minutes of listening to the person, the members had figured out that the person was up in a balcony, was with 3 or more people and 2 of which were females. They realized this because of key things he said and voices in the background.

The 4 PARG members in the group (KB7YZS, KB7YZR, N7XMD, and AA7UP) just happen to be most of the PARG Interference Committee. They immediately activated the PARG Interference Committee direction finding operations. They promptly tracked down the interference to a specific location of the Shilo Inn and searched for someone matching the description. After only 5 minutes they saw a group of people on the third floor of the Shilo who matched the description. Then they saw him pick up his hand-held transceiver and speak into it. At the very same moment the voice on the police frequency was saying "Hey, fat ass, yea you in the black pants and the white shirt". While he was saying this on the Seaside Police frequency the members noticed a man wearing those clothes, a little on the heavy side walking directly underneath them.

One of the PARG members saw a Seaside Police patrol car in the area. A PARG representative approached the officer and asked him if he was looking for a person causing interference to the Police Frequency. He seemed very upset and replied "YES"! The PARG representative then informed the Seaside Police Officer where the malicious interference was coming from. Three other PARG members were on their way to the third floor when they saw the people (from the room/balcony where the interference was) come running down the stairs and away from the Shilo.

The officer took a report from the PARG representative, including an exact location of the motel room and spoke to the hotel manager. After 2 hours the interference started up again. The Seaside Police Officer went directly to the room the PARG Interference team pointed out and caught the person in the act of doing the deeds.

The above is known to be facts. The above mentioned is knowledge from speaking the PARG Interference Committee members and to a friend of the suspect.

The man who in is question has a call sign of KE6VNU and is from Central California. He apparently was in Oregon for the ham convention. Information indicates he was released from jail only a short time before this incident, the charge he was in jail for was malicious interference to the local police in his area. This obviously did not teach him his lesson. We understand that he caused a great amount of interference to the Sacramento County and Roseville emergency/public services communications and often identified himself on those malicious transmissions as "The Phantom Jammer". We were told the charge Seaside Police brought against him was "Interference of a police officer in line of duties".

Note: It is an unfortunate coincidence that the malicious interferer used the name "Phantom Jammer". He has absolutely NO association with or relation to PARG (Phantom's Amateur Radio Group), the group which located him & turned the necessary information into the Seaside Police which led to his arrest for the interference. We did not release this information until now at the request of the local law enforcement officials to prevent tainting their investigation.

This was PARG's second year in a row of providing public services during the Seaside Ham Convention. Last year several PARG members apprehended a purse thief (after a brief foot pursuit), returned the purse to the rightful owner, and detained the suspect until police could arrive. PARG also performed crowd control activities at this time due to the large number of people who stopped to watch the purse thief incident.

PARG is the Phantom's Amateur Radio Group in Portland, OR and is Portland's most active VE testing, repeater club, emergency communications, and ham radio group. Please visit our web page at
"http://www.teleport.com/~mscott/dumb.shtml".

PARG, PO Box 1586, Beaverton, Oregon 97075-1586
Phone 503-818-PARG (24 hours)

Signed, PARG BOARD of DIRECTORS
Justin Bousquet, AB7NG, PARG President
John Mackey, KA0SSF, PARG Publicity Officer
<END>
??

4678. Want: BiPolar Prom Programmer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: deltatec@OctoNet.COM
Message-ID: <4qncv2$3hj@octo2.octonet.com>
Source record: 199149

Hi!

Looking for a bipolar prom programmer. Make/age not important.

If you have one, please reply via email.

Thanks.

Dan Caldwell
Victoria, BC

4679. Dual band mobile questions/opinions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4qnfie$s3c@cheatum.frontiernet.net>
Source record: 199150

I want to buy a dual band mobile, however it seem that there are a lot of variables. Alinco sells the new 605 for what other used rigs asking prices are, and I am sort of confused by the different features in the Icom lineup (2350 vs.2340, etc.), so I am asking for opinions on what you find desirable with your rig, as well as dislikes and needless features, intermod problems, etc.. I have a DJ580T and like Alinco but am not a big HT user, so it sits in the drawer most of the time. I am kind of gravitating to the Alinco and Icom line, but would like to hear some Kenwood opinions as well.
Also, if you have a dual bander that you want to sell, let me know.
TNX and 73

4680. Re: Info REQ: Lithium battery location in Kenwood TS-430S

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <4qneqo$805@news.jf.intel.com>
Source record: 199151

In article <4qhncl$bl1@castle.nando.net>,
Kile Unterzuber <ku10097@nando.net> wrote:
>Does anyone know where the lithium battery is located inside a Kenwood TS-430S
>rig? This is the battery that retains the memory. It is not obvious from the
>schematics or looking inside the rig.

Take the top off, remove two screws and the IF board will hinge up. Under
there is the microprocessor stuff. 80C49 uP and 8043 parallel ports.
Its somewhere around them. Doesn't do much except hold onto the 6 memories
when the power is gone. Not like them Icums where the radio turns into a
doorstop when the battery dies.

See? There is something nice about a Kenwood. Mask ROM uP's.

--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

4681. Wanted: Info on Hallicrafters TW2000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4qnhuc$vfm@pulp.ucs.ualberta.ca>
Source record: 199152

Hi,
Just came back from a holiday on the weekend, and picked up a
Hallicrafters TW2000 1950s vintage portable at a small town antique shop.
Just couldn't resist. Pretty good condition, checked over and re-tubed by
a local Ham there. Manufactured by Hallicrafters in Canada. Wondering
about info on this one. What is it worth, the history, availability of
manuals, etc. Anything will help.
Thanks,
Chris VE6RDC

4682. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: glittle@awod.com
Message-ID: <4qnjo4$e4q@harbour.awod.com>
Source record: 199153
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <4qgvr9$5cc@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net (Jim Kehler) says:
>
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
>>>Jim, does bowling, or stamp collecting, or bird watching, or water
>>>skiing provide a living for the people who engage in those activities?
>>>Where did you get the idea that ham radio was or is a career move ?
>>>Last time I looked, it was a hobby.
>>>
>>>73, Jim KH2D
>
>>This does seem to be one of the major problems of the amateur radio
>>service today, too many people can't tell the difference between it
>>and stamp collecting or bird watching or water sking. To these benighted
>>souls, it is "just a hobby", of no value to their nation or themselves
>>beyond a simple passtime.
>
>>Gary
>
>Come on, Gary. How many lives have you saved lately ? I'm not your
>Congressman, nor do I work for the FCC. You don't have to use the
>'service' line on me. The closest ham radio comes to being a service
>is that it is self-serving. Some benighted souls get so engrossed in
>thier hobbies that they confuse them with services or professsions.
>Anybody who wants to save lives should join the volunteer fire
>department and skip ham radio.
>
>73, Jim KH2D
>
>

Does providing communications on 2meters for a search and rescue operation for a little girl that was abducted seem self centered?? The volunteer fire dept was there. However the 900 MHz system that the city was using would not work in valleys. The city officials were only carring excess bagage. Their radios could not communicate. The hams could. The hams were asked to provide help with communications because the "official" comm system would not work.

This does not sound self centered to me. It sound like saving the bacon for thr city.

73
Glenn Little
WB4UIV

4683. Re: FT-900at Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: prvalko@vela.acs.oakland.edu
Message-ID: <4qnl0j$u2f@news2.acs.oakland.edu>
Source record: 199154

prvalko (prvalko@vela.acs.oakland.edu) wrote:
: Hi!

: I just discovered my FT-900 has developed a curious "white noise" in the
: receiver!

Here's a follow up.

I called Yaesu (Did you know they pronounce it - Ya Hey Sue?) and the
tech support was next to worthless. I think it's just a clerk with a
book of modification notes. I guess I've been spoiled by Ten Tec.

Anyway... I have my FT-900 torn apart on the bench and have been probing
around the LO circuits. This thing has FOUR local oscillators and the
CPU picks which one to use depending on the dial frequency. I am thinking that
one of the LO is running when it's not supposed to be and that's what
causes the white noise. There is an IC that does BCD/decimal
decoding and it may be what's causing the trouble. Pretty hard to work
on a rig without voltage charts!

I've gotta call Yahaysue tmw and order the freaking service manual.

73! =paul= wb8zjl

4684. Re: Light on Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4qnp3g$ooe@newsbf02.news.aol.com>
Source record: 199155

my ft-5200 has done it a lot, totally dark at the moment. they seem to
burn out on a regular basis.

4685. Re: FT50 v. 508a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: msaran@olympus.net
Message-ID: <msaran-2406962139110001@msaran.olympus.net>
Source record: 199156

I had the 508 for a week. I loved it, but took it back for FT-50. I
really needed the touch tones and didn't want to also carry around a
dialer. I got the 508 as a LITTLE scanner to carry around and not also
have to take around the dual-bander. The Yaesu is about twice the size
but has many more options - so it's much more of a radio - in a different
class than the 508. The FT-50 is small but dosen't make it in the breast
pocket, just a little too heavy. The net has a few good referance points
for the Yaesu FT-50 through it in your favorite search engine. I only
had enough $ for one radio so the Yaesu won out - but I do plan to get a
508 when I'm able to sell something. I really long for that tiny little
scanner next to my heart!

-m

> portable. Really like the size of these rigs so looks like its the FT50
> that comes close to the 508? Aside from the obvious (power out and TTP)
> has anyone compared the performance out-of _band performance,
> sensitivity,etc. You'd have to pry the 508a out of my dying hands..but
> then the xyl would make sure I was dead if I brought another rig into
> this place<g>.
> Txs..
> Dennis,WR4i
> Chapel Hill,NC
>
> PS I use the SMA3 antenna. Helps, but not enough.
--
Mark Saran men who change diapers
msaran@olympus.net change the world

4686. Alinco DR-150T: Opinions, please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: abbot@superlink.net
Message-ID: <4qnsq9$317@earth.superlink.net>
Source record: 199157

Hi Folks,

I am considering the purchase of this 2M mobile radio, and I would appreciate any input on it from current owners. Good choice? Bad choice?

My usage for the unit would be 85% fixed station packet, and 15% casual mobile (eg. tossed into the car).

I would expecially like to know if anyone has used the radio for 9600 baud packet, as Alinco claims is possible. I run 1200 right now, but intend to upgrade in the future.

Thanks and 73's,

Rich

4687. Kenwood TM-732 question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: nomer@onyx.southwind.net
Message-ID: <4qntv7$jbe@opal.southwind.net>
Source record: 199158

I'm sure this has been covered before here...but: How do you get rid of the "ENJOY HOBBY" message once you make the mistake of getting it started? Thanks!

4688. Car amplifier for scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: boaze@softeare.rad.co.il
Message-ID: <19960625190308.boaze@softeare.rad.co.il>
Source record: 199159

Would you please help me by the following:
I have a scanner (Yaesu) which I am using in my car. Its power is
approximatelly 4-5 watt and I want to work with 30-50 watt,So I'm looking
for amplifier to that power. It has to work in a car with 12VDC.
My most using frequencies are 168.000 - 172.000 (VHF).
Please advice me:
1. Where I can buy such device, in USA or (specially) in France.
2. What type is recomended.
3. What is the price (more or less).
I would appriciate any answer.
Thanks,
boaz Entin

4689. Car amplifier for scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: boaze@softeare.rad.co.il
Message-ID: <19960625192152.boaze@softeare.rad.co.il>
Source record: 199160

Would you please help me by the following:
I have a scanner (Yaesu) which I am using in my car. Its power is
approximatelly 4-5 watt and I want to work with 30-50 watt,So I'm looking
for amplifier to that power. It has to work in a car with 12VDC.
My most using frequencies are 168.000 - 172.000 (VHF).
Please advice me:
1. Where I can buy such device, in USA or (specially) in France.
2. What type is recomended.
3. What is the price (more or less).
I would appriciate any answer.
Thanks,
boaz Entinoaz Entin

4690. Need IC-2AT Crystal

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: kaboom@loop.com
Message-ID: <kaboom-2506960217430001@pma3_113.loop.com>
Source record: 199161

I need the 35.00125 MHz crystal (used for simplex transmit offset) for an ICOM IC-2AT. Anybody got a dead 2AT hanging around from which they could pull the crystal? I realize I could buy one from ICOM, but I'm hoping to save some money and get a used one at a low price, as the radio is purely a fixer-upper. If you can help, please let me know via email. Thanks.

73

4691. pll0305a mods & 11 to 6 info

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-25 00:00:00 UTC
From: jdmjr@airmail.net
Message-ID: <4qohg5$kgq@news-f.iadfw.net>
Source record: 199162

I need info on the pll0305a pll chip as used in the htx-1-- radio.
also any 11 to 6 conversion info . thanks
jdmjr@airmail.net

4692. No more IC-Z1As?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: philkeys@olympus.net
Message-ID: <philkeys-2606960642020001@ptpm014.olympus.net>
Source record: 198764

I've been told that the Icom IC-Z1A is being discontinued. Somebody else says that after the $100 rebate offer ends that it will have a new reduced price. Icom says that dealers have a few left.

Anybody know the real story? Why would Icom discontinue the model that they have been advertising heavily? Are there any problems with it?

Thanks
Phil Keys
--
philkeys@pt.olympus.net (Phil Keys) KJ7ET Jeff Co Search & Rescue
Software Consultant - specializing in software safety & SQA
Port Hadlock, WA 98339 (206) 379-8650 122 44.0W 48 02.0N

4693. Re: ICOM IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4qrh5k$1pj@shore.shore.net>
Source record: 198765

rick_smith@vnet.ibm.com wrote:

>Has there been a ham radio magazine review of the IC 706? I'm interested in reading
>more about it. Thanks.

Check out N1DNU's web page...I forget the
URL...http://www.tiac.net/users/~barryo or something like that. To be
sure, you can go to my web page where I have a link to Barry's page.
He owns two IC-706's and does his own, mostly unbiased, report of the
radio.
==========
cheers! jim martin, wk1v
lowell, mass
http://www.shore.net/~jjmartin/jjm.htm

4694. Re: ALinco DR-605T

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: "Ken Bessler (KG0WX)" <kg0wx@southwind.net>
Message-ID: <31D143F0.27B3@southwind.net>
Source record: 198766

Jabran Soubeih wrote:
>
> I just bought a new DR-605T.
> For everyone wondering, it's a good radio.
> One kwirk, the squelch is digital and you can only adjust the band that is
> active, no squelch knob.
> It's not bad for intermod.
> The mic is kinda cheesey
>
> Does anyone have any mods for it yet?
>
> Jabran
> jabs@uval.geo.purdue.edu

Just curious - What are the differences between that rig and the 610?

N9KZA 73 De KG0WX
--

.....It said, "Insert disk #3," but only two will fit!

Ken Bessler KG0WX
Design Services Company
http://www2.southwind.net/~kg0wx

4695. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4qrgu6$1pj@shore.shore.net>
Source record: 198767
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>No no no, you got it all wrong I said I was the Atypical ham.
>The typical ham is what you describe.

Aytpical is a synonym or abnormal which is a synonym for deviant. All
are typical of the behavior of K1OINK.
==========
cheers! jim martin, wk1v
lowell, mass
http://www.shore.net/~jjmartin/jjm.htm

4696. FT-1000MP vs TS-870S vs IC-775

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: Tom@aro.ncren.NET
Message-ID: <s1d11814.070@aro.ncren.net>
Source record: 198768

I'm thinking of purchasing a new HF radio, and have narrowed the selection
down to the Yaesu FT-1000MP, the Kenwood TS-870S, and the Icom IC-775.
I primarily operate on CW (traffic handling) and on Pactor, and invite your
comments on the suitability of these radios for these modes.

****
Tom Doligalski, N9CGD
Tom@aro.ncren.net

4697. Re: FT-50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: dkaye@mars.superlink.net
Message-ID: <4qrjtt$h5m@earth.superlink.net>
Source record: 198769

In article <0000109000000C69@tommie.tmisnet.com>, hep@tommie.tmisnet.com (Hep)
wrote:
>Newsgroups: rec.radio.amateur.equipment
>Subject: FT-50R
>From: hep@tommie.tmisnet.com (Hep)
>Path:
> earth.superlink.net!news.sprintlink.net!new-news.sprintlink.net!newsreader.spr
>intlink.net!news.sprintlink.net!news-dc-9.sprintlink.net!news-res.gsl.net!news.
>gsl.net!sgigate.sgi.com!swrinde!elroy.jpl.nasa.gov!usc!newshub.cts.com!cg57.esn
>et.com!torment!tommie.tmisnet.com
>Message-ID: <0000109000000C69@tommie.tmisnet.com>
>Date: 25 Jun 96 03:55:26 PST
>Organization: Tierra-Miga Info Systems
>Lines: 35
>Status: N
>
>
>
>
> YEASU DOES IT AGAIN!!!!!
>
> (to the consumer that is)
>
>
>(the ft-50r what next)
>
>
>1. no way to charge the battery off the radio (slow charge)
>
>well have no fear for a few extra bucks they have one comming out soon!!
>
>2. The filter is wrong (oh well I allow one screw up)
>
>3. The voice mail paging system don,t work! (why the hell did I buy the
>
>FTT-12 for?)
>
>4. I remember Yeasu at the convention laughing at Kenwood for forgetting
>
>a skip function on thier radio !!! (they were saying hey looky here)
>
>5. will Yeasu lower the price of thier ftt-12 at least to compromise
>
>for the reduced functions of thier product (Hell no baby needs a new pair

>
>shoes!!!)
>
>6.In my humble opinion (this is my opinion)
>
>.....
>

If you hate the radio so bad why don't you sell it. Quit your belly aching!
You neglected to mention what is so good about the radio.

Dave Kaye, N2SJH (dkaye@mars.superlink.net)

"Life is very short and there's no time for fussing
and fighting my friend"
-Lennon/McCartney

4698. Radioheart

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: Valery Filin <FP_FAGOT@opu.opu.odessa.ua>
Message-ID: <19960626110707.aaaa002iW@babyblue.cs.yale.edu>
Source record: 198770

Hello!

Greetings for everybody who lives in this big and various World.
Greetings for all who likes music or radio.
I am writing my message from Odessa.
It's interesting town, intercity near Black Sea
and here i'm making the tiny musical radiostation.
Even a small station begin to live when she has a pulsing heart.
Yeah, it's a transmitter.
Step by step i save up means for the transmitter.
Anyway i need your help.
You can write me a letter:

Valery V. Filin
Visotckogo str. 12, fl.24
Odessa, 270025
Ukraine

I'll glad to read your advices, opinions and simply good words.
Peoples who want help me are interesting for myself.
Maybe you have a records which must be on a radio.
Please, send your ideas.
And at last you can support me by small sum:

Commerzbank AG, Frankfurt/Main acc.no.4008869901USD
in favour of Imexbank, Odessa in favour of
Valery Victorovich Filin acc.no.001139619.44

Or the way trough the american bank:

The Bank Of New York, N.Y. acc.no.890-0054-808 in favour of
Dialogbank in favour of Imexbank acc.no.02000090088 in favour of
Valery Victorovich Filin acc.no.001139619.44

Thank you.
Warmest regards,
Valery

4699. Re: six meter coaxial filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: jafl@msg.ti.com
Message-ID: <4qrioe$s7q@ganesh.mc.ti.com>
Source record: 198771

Jim
Have you thought of Helical filters? The RSGB book "VHF - UHF
MANUAL"(1982) has an excellent description on page 3.7. You can also
purchase them - see QST and 73 for ads.
Jim W0oog/5

In article <4q6q8g$hdr@news.jf.intel.com>, jgarver@ichips.intel.com
says...
>
>My new Icom 706 is getting plastered with apparently intermod
>when I turn my yagi anywhere near the channel 2 TV tower about
>2 miles away. < snipped >
>Any ideas?
>
>Jim WA7LDV
>
>
>
>--
>jgarver@ichips.intel.com WA7LDV I don't speak for
Intel

4700. Re: FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4qrk51$enf@li.oro.net>
Source record: 198772

Brian Rademacher <N0XLF@ix.netcom.com> shared the following priceless pearls of wisdom:

->Is is possible to get amateur radio equipment type certified for
->commercial use, or does the equipment actually have to be built for
such
->a purpose?

Well...like every other question, it depends. The absolute answer is yes. There are ways to do it. However, there are caveats.

1. Let's say you have a piece of Kencom amateur radio 2-meter gear, a KC-1234 that you want to have type "certified" in the commercial 150-170 MHz. range. The actual approvals are type accepted for the transmitter and certified for the receiver (2 separate approvals required) but let's not stand on splitting definitions right now.

2. You can't just ask for a Kencom KC-1234 type certification. You have to make up your own name (and Kencom is certainly going to sue you if you use theirs) and your own model number. You have to rip off the Kencom nameplate (and for legal reasons, I'd suggest that you sand off the faceplate logo too).

3. Then you put what is now YOUR radio of YOUR manufacture through the type acceptance test procedures, prove that the radio will meet the commercial specs, and submit the data along with the fees to the FCC labs for their perusal. The tests ain't easy and the fees ain't cheap. Unless you've got your own lab set up (see the 1984 RF Expo proceedings for a paper I wrote on TA tests on a string -- "Champagne measurements on a beer budget") figure between $5k and $10k for the tests and another $1k or so for the fees.

4. If and when you get the approvals back, you slap YOUR label on YOUR radio and send it out. If, by the way, the radio was one that had a frequency selection feature, you are somehow going to have to disable the front-panel use of that feature. You can still TA the radio with the circuitry, but the operator CANNOT have a control that would allow them to transmit on a channel for which they weren't licensed.

5. And, of course, unless you've got a deal going with Kencom, as soon as they find out you are pirating their radios and selling them under your brand, you are going to play hell buying them.

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

4701. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: jafl@msg.ti.com
Message-ID: <4qrj89$s7q@ganesh.mc.ti.com>
Source record: 198773
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

I Never thought of it that way. Maybe you've hit it - when all the CB types leave for the internet, the seriouse Die-hards will get what is left. Now - if we can only work together.

Jim W0oog/5

In article <4qk11t$aom@news0-alterdial.uu.net>,
rpfox19@mailr.starnetinc.com says...
>
>This could actually be good news for the community. Infusion of the
>Internet into our society may eliminate those who viewed amatuer
radio
>as another form of CB. Once that crowd leaves the airways amatuer
>radio may return to the civil, and critical, service it was intended
>to be.
>

4702. Re: NEWBIE Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4qt0kv$d58@newsbf02.news.aol.com>
Source record: 198774

My Cental Electronics 10A...by far the most popular amateur SSB rig of it's day... used a 9 MHz SSB generator, and a 5-5.5 MHZ Command set VFO. With the SSB switch in normal, it was LSB on 75 and USB on 20.

Looking back in my logbook, I see most other contacts were with similar CE rigs.

9 MHz was the most common crystal filter and phasing rig IF frequency, and so VFO's were commonly on 5.5 MHz with mixers for other bands.

73 Tom

4703. World Band Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: RICHARD@pueblo.lib.co.us
Message-ID: <960626220536.6c6a@pueblo.lib.co.us>
Source record: 198775

Does anyone know if there is such a thing as a world band radio?? i heard about it from a friend that the radio connects you with a satellite in a certain city so you can receive broadcasts from different cities. is this true. if so, where could i obtain one of these radios? any help would be appreciated. please reply to Richard@Pldvax.Pueblo.Lib.Co.Us

--thanks in advance!

--Tim

4704. WWII Vintage Aircraft Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: coatb@explorer.sasknet.sk.ca
Message-ID: <4qt3tt$3qm@explorer.sasknet.sk.ca>
Source record: 198776

I'm not quite sure if this is the proper group to post this in, but here goes anyway.

Out local amatuer radio club was donated a World War II vintage aircraft transceiver but we have absolutely no technical information on it.

It bears the model number R1155A and has an insignia below the model number consisting of am "A" and "M" seperated by the symbol of a crown. It's was a 5 band transceiver but is missing the transmitter module.

If anyone has any information about this beauty, please let me know. If there is a more apropriate news group that I should post this in, please also let me know.

Thanks in advance.

Bruce Coates
VE5BNC

4705. Re: Help: Desk Mic with IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: "Dale \"Squeak\" Porray" <ad7k@accessnv.com>
Message-ID: <31D21D7F.4384@accessnv.com>
Source record: 198777

Gary Coffman wrote:
>
> In article <4qpdne$nn0@newsroom.HITC.COM> "Chris Smith, NR3O" <csmith1@ccgate.hac.com>
writes:
> >
> >I wired up my Heil desk mic with an ethernet RJ-45 plug to 4-pin mic connector
> >and was disappointed that the audio level was so low. If you don't have the
> >compressor on, forget it--if you do, it's pretty weak. I am guessing you'll find
> >this too. I'm no impedence guru, but possibly there is some sort of coupling
> >that's work better to be used I am unfamiliar with.
>
> The IC-706 expects 100 mV into 600 ohms from its microphone. The typical
> naked dynamic element outputs 30 db less than that into 600 ohms. So you
> need a 30 db microphone preamp in a dynamic microphone to use it on the
> IC-706. Most Icom microphones are either high output electrets or have the
> preamp built in, that's why there is phantom power on the mike connector
> of Icom rigs. Icom's SM-6 works well as a desk microphone for this radio.
> Set the radio audio gain to 5 and the SM-6 gain pot to 5 and you should
> have plenty of audio.
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | Due to provider problems
> Destructive Testing Systems | we break it. | with previous uucp addresses
> 534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
> Lawrenceville, GA 30244 | |

For all of you Heil/Icom fans out there ... I spoke with Bob Heil the
other day, and he hopes to be able to market a small preamplifier to
overcome the fact that Icom microphones have a (hotter-than-usual)
preamplifier in them ... hope to have news "soon".

73 to all!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4706. Yaesu's Position on FT-50 Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: dddavis@atl.mindspring.com
Message-ID: <4qq2pq$1esi@mule1.mindspring.com>
Source record: 198832

I spoke to Yaesu today regarding the following problems with the FT-50R.

1. Wide FM receive does not work.

2. Voice message paging system with FTT-12 does not work.

3. Paging answer-back does not work IF the merson paging talks for more than about 2 seconds.

Note that all of these features are described in their manual and their sales literature. Also, Yaesu tech. support has verified each problem and agrees they exist.

Now the bad part: Yaesu in Japan has said they do not intend to fix ANY of these problems. In fact, they say, these are not defects in the radio, but in the manual and the sales literature. (I never really expected them to fix the wide FM thing, but I did expect a corrected FTT-12). I asked customer service if they would be refunding the money, and the response was " not us, call your dealer". This will be tough for those who bought the radio a few months ago in anticipation of the FTT-12 being available.

Future Yaesu buyers, beware. Once a reputation is lost, what is left?

4707. FORSALE: KENWOOD TS-940SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: tacoll@ix.netcom.com
Message-ID: <4qq45f$t58@dfw-ixnews2.ix.netcom.com>
Source record: 198833

FORSALE: Kenwood TS-940SAT, with both 455 Khz and 8.83 Mhz IF
500 Hz CW filters, and 1.8 Khz SSB filter (Kenwood stock),
and IF-10B internal computer interface chip. Radio is
MINT except for some minor scratches on front of the main
tuning knob. Owned by NON-SMOKER. $1200.

Also, have IF-232C, external computer interface
'black - box.' Sell both for $1250.

Have manuals, service manual, boxes, plastic, original
shipping foam, etc.

Tom, KY2T

Message to TACOLL@ix.netcom.com

4708. Re: Req. for Comments - FT50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: parnass@radioman.ih.att.com
Message-ID: <4qq47u$i1i@ssbunews.ih.lucent.com>
Source record: 198834

In article <4qpb1g$8lt@news4.digex.net>,
bnr <bnr@universe.digex.net> asked about the new Yaesu FT50R
dual band HT:

>.... I'd like a dual band and as
>a long time scanner nut, I like the FT50R extended RX.
>
>What I am wondering is does anyone have any
>comments on this radio. ... What kind of accessories are useful?...

Brian,

Seems we are both "long time scanner nuts" and I've been
a ham for 31 years.

Bought an FT50R a few weeks ago and I recommend it
unless you have big hands and have trouble with small keypads.

I bought the 5 watt battery but would buy the 2 watt
battery if I had it to do over. The 2 watt battery is
lighter and thinner and I don't need the extra power.

Bought these accessories, too:

-rubber protector (I forgot what it's called)
-NC50, the 1 hour rapid charger (I'm impatient and don't
want to wait 16 hours to recharge. Therefore
I always buy a rapid charger when I buy an HT even
though it's expensive)
-appropriate sleeve so battery fits in charger
-FTT12 keypad/CTCSS decoder/voice recorder/digital framus
I only bought it for the CTCSS decoder capability

-alkaline battery case
-soft case (I don't use it and am disappointed in it)
-external speaker/mike adaptor so I can use an old fashioned
earphone with the FT50R which has a weird jack

Good luck.
--
==========
Copyright 1996, Bob Parnass, AJ9S parnass@bell-labs.com

Locate & identify transmitters in your area with RadioMap(tm)

4709. Realistic 2 meter rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: rcpmd@roanoke.infi.net
Message-ID: <4qq3vt$a3d@nw101.infi.net>
Source record: 198835

Does anyone know if the Realistic 2 meter 35 watt output rig is any good? I don't even know the model number but it seems much cheaper than other similar rigs ($269).

4710. Kenwood TM733

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: ScottP@pobox.com
Message-ID: <31d0b288.971476@news.anet-dfw.com>
Source record: 198836
Cross-posted to: dfw.forsale,rec.radio.amateur.equipment,rec.radio.swap,tx.forsale

```
For Sale:
Kenwood TM-733a Dual band 2m/440 Mobile Radio.
Only used 3 months.
All manuals and original packaging.
Asking $450

ScottP@pobox.com
```

4711. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4qqstq$hi4_001@news.interpath.net>
Source record: 198837
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <31CF4824.8C8@mc.edu>, Computer Lab User <labuser@mc.edu> wrote:
>A.G. von Luternow wrote:
>> On Mon, 17 Jun 1996 05:35:42 -0400, Burt Fisher <k1oik@ccsnet.com>
>> wrote:
[snip]
>I love ham radio and wish that I could find some group in my area to
>administer the Technician test so I can be licensed! What do you mean by

I know a ham in Jackson, MS. How close are you to Jackson?
Also, if you contact the American Radio Relay League, they can put you
in touch with some volunteer examiners in your area.

ARRL
225 Main Street
Newington, CT 06111-1494
vec@arrl.org

or
Ernest Orman, Jr. W5OXA
ARRL Section Manager
15625 Little Joe Road
Biloxi, MS 39532
w5oxa@aol.com

========== Opinions expressed are solely those of the author ============
Curt Phillips, KD4YU (ex-WB4LHI) | 2nd Rule of the Tarheel
cphillips@interpath.com | Scanner/SWL SIG: "The more they
Chairman, Tarheel Scanner/SWL Group | don't want you to listen, the
ARRL Life; QCWA; Raleigh ARS; RCMA; NRA| more interesting it must be!"

4712. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4qqv92$hi4_003@news.interpath.net>
Source record: 198838
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <31C9E377.4B23@ccsnet.com>, Burt Fisher <k1oik@ccsnet.com> wrote:
>Scott Rosenfeld NF3I wrote:
>> Why on EARTH would your child have GOTTEN a license if she hates it?
>> Did you push her into something even YOU hate and NOT expect her to
>> hate it?
>She LEARNED to hate it AFTER talking to hams.
>She hates it FAR more than I do and made me negative on it.

Then she shows the same extreme stupidity that you do every time
you post here (no doubt, inherited).

There are many hobbies I consider stupid and a waste of time.
Since I don't like them, I don't waste my time pursuing them, and
I don't waste my time (and that of the fans of those hobbies) by
going onto their newsgroups and berating them for their choice of hobbies.
I don't miss them and I'm sure they don't miss me.

Since you seem to hate ham radio so much, if you were very intelligent
you would have long since realized that your time would be better spent
finding other pursuits you DO enjoy and spending your time on them, rather
than engaging in petty sniping and berating those people who like
ham radio.
You act as though you wouldn't miss us, and I assure you that we
wouldn't miss you (well, maybe a little bit... like one misses a
tooth ache after its gone). It'll be a "win-win" situation for
all of us.

Around here there are well over 20,000 newsgroups. Certainly
EVEN YOU could find one or two that you would like.

========== Opinions expressed are solely those of the author =============
Curt Phillips, KD4YU (ex-WB4LHI) |You are living a reality I left years ago
cphillips@interpath.com | ...In the long run, it will make you cry
Chairman, Tarheel Scanner/SWL Grp| Make you crazy & old before your time.
ARRL Life; QCWA; Raleigh ARS | -- Crosby, Stills & Nash

4713. 6 meter duplexer wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: ka2qep@webspan.net
Message-ID: <4qqbdl$rgg@tyger.inna.net>
Source record: 198839

I need a six meter duplexer. 4 or 6 cavity I cannot afford to
purchase them new. Please email back asap. they must be in good usable
condition and must be tunable in the ham band. 73, Ka2qep, Bill

4714. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4qqui5$hi4_002@news.interpath.net>
Source record: 198840
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <4qm24r$3l7@lehi.kuentos.guam.net>,
pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>< snipped>
>>We're the world's largest beta test organization for communications
>>systems, and we not only do it for free, we pay for the privilege of
>>doing so out of our own pockets. Because we are demanding, and have
>>some technical skill and knowledge, we quickly identify flaws in
>>equipment offered to us, and if we don't come up with fixes ourselves,
>>we spur the manufacturers to do so thanks to the competitive marketplace.
[snip]
>OK, Gary, that's a description of what you do, and why you feel you
>are performing a service. What percentage of hams do you feel fit
>into the same catagory as you do ? I honestly think that a very small
>percentage of hams participate in any type of public service activity.

In almost every group, 20% of the people do 80% of the work.
I have done quite a bit of public service work, technical training and
some technical experiementation, and I know quite a few other hams who
have done a LOT of public service work and done more in the other
areas than I have. But I know many hams who don't do much (if any)
work in these areas.
This ratio also is correct in professional groups, church groups,
civic groups... almost any group. Hams are no exception.

>In our local community here, that percentage is zero. Of the hams I
>know in the U.S., none pass traffic, none do phone patches, and none
>participate in any communications support activities for the public.

Perhaps you should introduce yourself to a new group of people (and
hams).

>If I see a traffic accident or someone broken down on the road, I
>call it in too, on my cellular phone. I will admit that I attended a
>few marathons here a few years back when hams were supposed to
>be providing communications support, but the activity was such a
>disorganized mess, that I and a bunch of other hams felt we were
>wasting our time standing on a street corner with an HT. So of all

Perhaps you could make a major contribution by helping organize
this activity.

>To me ham radio is just a hobby. I don't feel at all committed or
>obligated to anyone, as I passed the test to get a license and I
>paid for all my own equipment. I'm sure there are lots of hams who

Then you are resting on the laurels of those who do provide
emergency comms, public service, technical advancement, etc.
As you say, there are many other hams who feel as you do.
However, if you look at the regs, it's the technical and service
aspects of the hobby that justifies its existence.
Fortunately, there have been enough hams (so far) that *will* do
the work so we continue to deserve that justification.
One of the reasons I work in ham radio public service events, etc. is
that my parents raised me not to be a free-loader.

>If the FCC asked me tommorrow to answer one question,
>'What have you done to justify the existance of Amateur Radio' ?,
>I honestly would have to answer 'Nothing'. Unless passing out

Fortunately, I wouldn't have the answer "nothing". Many have done
more than I have, but I've at least pulled my weight within the
hobby and society.
Of course, your activities are the domain of your conscience and your
sense of duty (or lack thereof). To each his own, but we all will
suffer or enjoy the consequences.

========== Opinions expressed are solely those of the author ==========
Curt Phillips, KD4YU (ex-WB4LHI) | "I don't want to achieve
cphillips@interpath.com |immortality through my work. I
Chairman, Tarheel Scanner/SWL Group |want to achieve immortality through
ARRL Life; QCWA; Raleigh ARS, RCMA, NRA|NOT DYING." -- Woody Allen

4715. FT-50R help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: dlangley@calweb.com
Message-ID: <4qqh9s$7p5@news.calweb.com>
Source record: 198841

Ok, I got the FT-50R in Euro mode and I can't get it back to the us mode. I have my original us template file and the euro template file. I tried following instructions that I had gotten before but they don't seem to work. Any suggestions or clues on getting the radio back into US mode?

4716. icom-707 howizit

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: ra5me@ix.netcom.com
Message-ID: <4qqgoi$8gs@dfw-ixnews7.ix.netcom.com>
Source record: 198842

looking for input on the new icom-707
tnx

4717. Q? ANYBODY USED A MOTOROLA ONCORE GPS RX?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: MAAR13@dial.pipex.com
Message-ID: <4qqkod$sut@tube.news.pipex.net>
Source record: 198843

- -----
Subject: Q? USE OF MOTOROLA ONCORE GPS RX,.....

Anybody out there got any first hand use knowledge of Motorola Oncore
RX?

I am about to purchase one of the above, and wonder if anybody has used
said
item....I have details about interface etc, but how good is it as a rx~?

I want to integrate it into a tracking device, remote controlled via a
radio
link, (maybe packet)

Any thoughts gratefully rxd..

Andy....

--

Please reply via the newsgroup, or Email direct.

maar13@dial.pipex.com or direct to University .

AJR9@UKC.AC.UK Callsign G6MRI.

University of Kent. England.

From Andy, Herne Bay Kent England.

Cheers, keep your end up........

4718. Re: Light on Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: Bruce Chadwick <bchadwi@worldnet.att.net>
Message-ID: <4qqjrt$shn@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 198844

I have had this problem. I have had it come back and then disappear
again. Not sure if it is a light or just a bad connection.

4719. Re: Government's Grab on m1/4

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: innocuous@aol.com
Message-ID: <4qqlts$aj2@newsbf02.news.aol.com>
Source record: 198845

Here's another perspective on the 220 grab. Have you heard of Operation Green Merchant? It was IMHO a very unconstitution action by your and my tax funded DEA. A very legal Magazine called High Times carried advertisements for outlets that carried very legal equipment for indoor growing. Lights, watering systems, etc. The UPS agreed to give the DEA the names/addresses of people who ordered products from those stores (delivered by UPS). Remember, a legal transaction, legal products. The DEA used that information to go "visiting" and from here the stories vary but the general theme was a lot of unconstitutional intimidation/harassment/searches.

A lot of tax payers money spent, little result, many rights trampled. About that time UPS asked for those 220 frequencies. Seems like kind of a tit for tat doesn't it?

The FCC was going to quietly turn them over but once the word was out, and a light was shinning on the whole operation, they had to do it the legal way; ie, put the freq. up for bid. The rest is history.

4720. FS: Kenwood TH-78A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: wiredog@primenet.com
Message-ID: <31d0dfc5.41295677@news.primenet.com>
Source record: 198846

For sale Kenwood TH-78A Dual Band 144/440
In Good Condition

Includes AC Power Adaptor,
ME-1 Memory Expansion Chip,
PG-3H Filtered Cigarette Lighter Cord,
PB-13 NiCa Battery Pack,
BT-8 Alkaline Battery Case,
Optional Low Profile Earpiece and Microphone,
Stock Antenna,
CH-701X Miracle Boy II Triband Antenna,
Full Modifications

Price 400+SH obo (acceptable bids requested)

Contact Ben at wiredog@primenet.com or 24 FAX 909-389-9617
KD6ROZ

4721. Re: WANTED: Kenwood TH78A HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: wiredog@primenet.com
Message-ID: <31d0e4b6.42576518@news.primenet.com>
Source record: 198847

On 22 Jun 1996 14:22:07 GMT, old33@norfolk.infi.net (Rawhide) wrote:

>Looking for a Kenwood TH78A HT in VG to EX cond. Please email info to
>old33@norfolk.infi.net
>73 de KD4ZVF
>
For sale Kenwood TH-78A Dual Band 144/440

Includes AC Power Adaptor,
ME-1 Memory Expansion Chip,
PG-3H Filtered Cigarette Lighter Cord,
PB-13 NiCa Battery Pack,
BT-8 Alkaline Battery Case,
Optional Low Profile Earpiece and Microphone,
Stock Antenna,
CH-701X Miracle Boy II Triband Antenna,
Full Modifications

Price 400+SH obo (acceptable bids requested)

Contact Ben at wiredog@primenet.com or 24 FAX 909-389-9617
KD6ROZ

4722. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4qqoag$3930@info4.rus.uni-stuttgart.de>
Source record: 198848
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

>They *do* Cecil, it is called the STANG HF modem, works even better
>than PACTOR II (and *that* works lots better than OOK Morse).

>But both are bottom of
>the barrel methods compared to Clover, PACTOR, etc.

Hi Gary,

It may well be so in theory,

But if I listen on the band, I always wonder why digital stations
are putting out extremely strong signals. OTOH, If someone set
aside 50 KHz for Pactor or clover, and this section got as busy
as a typical CW section, you can bet that the effective throughput
will be very low, because the stations will spend most of their
time sorting protocols, syncronizing et.c.

73, Moritz DL5UH

4723. FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: Brian Rademacher <N0XLF@ix.netcom.com>
Message-ID: <31D0EFAE.3261@ix.netcom.com>
Source record: 198849

Is is possible to get amateur radio equipment type certified for commercial use, or does the equipment actually have to be built for such a purpose?

I heard a while back that if the equipment met certain guidelines for for transmitting deviance, etc., that it could be type certified for commercial use...

4724. Re: Any Alinco DR-605T mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4qr01f$358k@usenetz1.news.prodigy.com>
Source record: 198850

I would be interested to know if your friend had any over modualtion or deviation problems with the 605. I have one and had to reduce the mic gain as it was too hot. I also would be interested in any mods available.

Thanks
John WA4BMG
BSDS13A@prodigy.com

4725. Re: Help: Desk Mic with IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4qr0gl$5kek@usenetz1.news.prodigy.com>
Source record: 198851

Hi Joe, I experienced the same problems with my 706 as you describe with stock mic. I changed to the SM6(ICOM) for fixed station operation, Mic gain at 6, and carrier point at -140 and now get good audio reports. On mobile I pickup an old Icom HM=14 and get good audio reports also. I tried everthing with the stock mic, I even put toilet paper inside to baffle it , did all the mod like remove the metal plate etc, to no avail. Try an SM6 and see if you get better results.
73
John
BSDS13A@prodigy.com

4726. Re: They do not come any phoneyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31D10AC4.3682@ccsnet.com>
Source record: 198852
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Tony Pelliccio wrote:
>
> While I won't necessarily wish YOU dead I do hope your computer suffers
> a meltdown. I've seen your psychobabble both here and on packet and
> am sick of it.

You are forced to read it?
You won't NECESSARILY wish me dead. How nice of you.
Say it to my face.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4727. Re: They do not come any phoneyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31D10AF6.5E4C@ccsnet.com>
Source record: 198853
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Tony Pelliccio wrote:
>
> While I won't necessarily wish YOU dead I do hope your computer suffers
> a meltdown. I've seen your psychobabble both here and on packet and
> am sick of it.

You are forced to read it?
You won't NECESSARILY wish me dead. How nice of you.
Say it to my face.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4728. Re: They do not come any phoneyer

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <31D10B5A.3E8A@ccsnet.com>
Source record: 198854
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Tony Pelliccio wrote:
>
> While I won't necessarily wish YOU dead I do hope your computer suffers
> a meltdown. I've seen your psychobabble both here and on packet and
> am sick of it.

You are forced to read it?
You won't NECESSARILY wish me dead. How nice of you.
Say it to my face.

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com |
#===#

http://www.qrz.com/cgi-bin/qrz_gifs?k1oik.gif

4729. Re: FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <835786575snz@microvst.demon.co.uk>
Source record: 198855

In article <31D0EFAE.3261@ix.netcom.com>
N0XLF@ix.netcom.com "Brian Rademacher" writes:

> Is is possible to get amateur radio equipment type certified for
> commercial use, or does the equipment actually have to be built for such
> a purpose?

If the users' controls allow the entry of arbitrary transmission
frequencies, then the radio will be unable to pass approval for use
in other civilian land and air services licensed by the FCC. The
setting of transmitter frequencies at any point within an assigned
band, unlike the choice from a limited number of assigned channels,
is a uniquely amateur privilege, and one which is earned by license
examination testing.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4730. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4qr7fs$lep@lehi.kuentos.guam.net>
Source record: 198856
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

John Hughes <afn01079@afn.org> wrote:

>pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>>
>> Madjid SuperUser <orion@odyssee.net> wrote:
>>
>> >About Kenwood, I use a Kenwood HF RIG but next rig will be
>> >YEASU or TEN-TEC. Vote with your wallet !
>>
>> >Madjid VE2GMI
>>
>> Madjid,
>> Make it ICOM or TEN-TEC. Vote with your wallet and your brain.
>>
>> 73, Jim KH2D
>

>Well, fill me in. What's your objection to Yaesu...nationalistic?

Nope, nobody here makes radios, and the big three are all made
in the same nation. Icom's HF receivers are far superior to Kenwoods,
that's why all the big contesters use Kenwood. The deader your
receiver, the less you hear the guy's transmitter who is sitting
next to you. Yaesu has had problems ever since the invention of
the transistor - they made fairly good stuff when we all used tubes,
but since then they have gone down hill dramatically. And Yaesu's
target market has always been 11 meters. After the 101's they
took 11 off the bandswitch, but they replaced it with a dipswitch
inside the radio, I guess so nobody would cut the wrong wire.....

I did see a Icom 706 (?) at field day last weekend, and I wasn't real
impressed with the receiver (HF) on it, it has the image problem on
CW that the 745 had. But it's a whole lot of bands for not a whole lot
of money, so it still looks like a good deal to me.

My observations are not based on labratory testing (Gary can fill you
in on that), just real world use. After having owned radios from all
of the big three, and having watched all the guys I started out with
do the same, seems like most if not all of us wound up with boxes
that say Icom on the front. In the last ten years I've also met a
lot of Japanese hams, and most I've met prefer Icom also.

I only have one piece of Ten-Tec equipment, that's a Titan amplifier.
It's probably the best piece of ham gear I have ever owned. I bought
it on the recommendation of another ham who has one, and some

other friends bought them after I did. None of us have been sorry we did buy them. Ten-Tec's service is miles above anyone elses. I've had a few minor problems, and Ten-Tec has responded immediatly to resolve them, no questions asked. I've personally witnessed a lot of RF amplifiers go up in smoke, but none have ever said Ten-Tec on the front. If I ever have to buy another amp, it's the only one I would consider. Ten-Tec amps aren't cheap, but when you buy an amplifier, the last thing you want is a cheap one.

73, Jim KH2D

4731. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4qr7gc$lep@lehi.kuentos.guam.net>
Source record: 198857
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>Oh, then you are a typical ham.

Thanks, Burt. I think so. But Gary doesn't. If you think so, I guess that makes the vote 2 to 1 so far. We'll have to wait until some more votes come in and see what the results are.

73, Jim KH2D

4732. Re: Distributer of an M 57729 RF Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: "K.R.Burtchaell" <kburt@telis.org>
Message-ID: <4qr8qg$8d@mentor.telis.org>
Source record: 198858

You should be able to purchase from Mitsubihi sales organizations 73
Ken W6GHV

4733. Mode Switch for SB102

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: sobign@pacifier.com
Message-ID: <4qqj11$6tc@news.pacifier.com>
Source record: 198859

I need to find a mode switch for Heathkits SB102 transceiver. It is a dual wafer four position switch. Heathkits part number was 63-399

Thank You

4734. Re: NEWBIE Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4qrej2$qca@brokaw.comm.mot.com>
Source record: 198860

Use LSB on 40 meters and below and USB on 20 meters and above.
Why? Beats me. It's always been that way. Anybody out there know why?

Skip
K9SA

4735. Dual Band vhf/uhf Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: Bruce Williams <williams@net1.nw.com.au>
Message-ID: <31D20EB8.2405@net1.nw.com.au>
Source record: 198861

I am in the market for a dual band vhf/uhf amplifier. I believe there is
a Daiwa unit available and I guess Mirage have one as well.

Does anyone have any details such as model nos. etc on the above
and any information on other brands which fall into this category.

73's

Bruce VK6CX

4736. Re: NEWBIE Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-26 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2606960928190001@145.39.1.10>
Source record: 198862

In article <4qpniv$4pn@nnrp1.news.primenet.com>, Cecil Moore
<kg7bk@primenet.com> wrote:

> kf@ix.netcom.com wrote:
>
> : My question is, when do you use USB and when do you use LSB?
>
> Hi Kieth, If I remember right, modulating a 10.7 MHz signal and
> then mixing it with a 3.5 MHz signal results in 7.2 MHz and 14.2
> MHz. So these early (cheap) SSB generators resulted in LSB below
> 10.7 MHz and USB above 10.7 MHz and the convention is still in
> use although there is nothing to keep someone from reversing the
> sidebands with modern transceivers.
>
> 73, Cecil, W6RCA, OOTC

There's a pleasant mathematical coincidence, but the original Collins
filters were developed at 9.00 MHz and the Collins PTO ran from 5.0 to 5.5
MHz. Using the same math, 9-5.x put you on 75M LSB and 9+5.x put you on
20M USB. Remember that 40 (or 39M to be precise) was then and continues
to this day to be primarily a shortwave broadcast band, all amateur
complaints notwithstanding.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

4737. FS: Kenwood TS-440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: wphill01@ccmail.mis.semi.harris.com
Message-ID: <4qup3r$250@hearye.mlb.semi.harris.com>
Source record: 198714

I have a TS-440 in excellant condition that has rarely been
used. I am looking to sell or to take as a partial trade a good modern 2
meter handheld. Something less than 3 years old and with extended
receive, scan etc. Sell outright for $750.
Regards,
Curtis
WA4NCK
1-407-724-2459 home or email
curtispee@aol.com
curtmon@digital.net

4738. Icom 706 mike

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Bill_Combs@mgdmug.ORG
Message-ID: <199606271719.00B1CE77@mgdmug.org>
Source record: 198715

Anyone out there have any experience using the Icom 706 with the SM-8 mike?

Bill K4CPK

4739. Source for 10 GHz Homebrew Components

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: kbanke@qualcomm.com
Message-ID: <kbanke-2706961320570001@kbanke-mac.qualcomm.com>
Source record: 198716

If you're looking for a source of materials for constructing 10 GHz Amateur equipment, contact Chuck WB6IGP at clhough@aol.com Chuck has surplus pieces modifyable for 10 GHz and some other bands including 2-2.8 Ghz synthesizers, 10 GHz LNAs, 1 watt 10 GHz PAs, & 10 Ghz transverter boards. - 73 Kerry N6IZW -

4740. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4quuo1$hlm@news.interpath.net>
Source record: 198717

In article <4qrvqg$l9k@sloth.swcp.com>,
n5zgt@swcp.com (Brian Mileshosky, N5ZGT) wrote:
>Burt Fisher <k1oik@ccsnet.com> wrote:
>>If you love ham radio it is because you are NOT licensed.
>>Wait until you are a ham, watching water freeze is a riot
>>compared to the ham H O B B Y .
> Does the above supposed to make any sense? I love Ham Radio, and I
>AM licensed. Don't like it? Give up your license! We don't need to
>hear about your problems, whining and crying, Burt.
> No-brainers....
>73, Brian, N5ZGT

But Brian, a no-brainer like that is a bit TOO complicated for Burt.
Besides, for all his accusations about others "having no life", the
evidence is overwhelming that HE has no life... a major point of
"enjoyment" in his wretched life is getting on ham radio newsgroups and
trashing ham radio.
Sad, really.

========== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI) | Motto of the
Chairman, Tarheel Scanner/SWL Group | Tarheel Scanner/SWL Group:
ARRL Life; QCWA; Raleigh ARS; NRA; AEE| #1) If it's expensive and
Energy/Recycling BBS 704-547-3114 | electronic, we like it.
== cphillips@interpath.com === [Copyright 1996 All rights reserved]===

4741. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4quvdo$hlm@news.interpath.net>
Source record: 198718
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <4qmdbp$3qe@www.gatecom.com>,
maccabeus@gatecoms.gatecom.com (Maccabeus) wrote:
>From news.gatecom.com!gatecoms!maccabeus Mon Jun 24 11:38:54 1996
>Path: news.gatecom.com!gatecoms!maccabeus
>From: maccabeus@gatecoms.gatecom.com (Maccabeus)
>Newsgroups: rec.radio.amateur.digital.misc
>Subject: CW can not die...
>Date: 24 Jun 1996 15:35:35 GMT
>Organization: Gateway Communications Inc.
>Lines: 21
>Message-ID: <4qmck7$3f8@www.gatecom.com>
>NNTP-Posting-Host: gatecoms.gatecom.com
>X-Newsreader: TIN [version 1.2 PL2]

Oh no, the songspiration is upon me:

Ole Morse Code Is Here to Stay

Ole Morse Code is here to stay,
It will never die.
It was meant to be that way
Though I don't know why,
I don't care what no-code Techs say,
Ole Morse Code is here to stay.

Ole Morse Code is here to stay,
We'll dig it to the end.
It'll go down in history,
Just you watch my friend.
Old Morse Code will always be,
It'll go down in history.

Repeat first verse.

Sung to the melody of "Rock N Roll Is Here To Stay" as sung
by Danny and the Juniors.

Adapted by Curt KD4YU, an EXTRA class ham. :-)

4742. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: croaker@access.digex.net
Message-ID: <znr835901766k@Digex>
Source record: 198719
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <31D16C62.B6A@ccsnet.com> k1oik@ccsnet.com writes:

> > Does providing communications on 2meters for a search and rescue operation
> > for a little girl that was abducted seem self centered?? The volunteer
> > fire dept was there. However the 900 MHz system that the city was using
> > would not work in valleys. The city officials were only carring excess
> > bagage. Their radios could not communicate. The hams could. The
> > hams were asked to provide help with communications because the
> > "official" comm system would not work.
>
> For everyone of the above I can cite 10,00 lazy ass butts on the easy
> ham radio chair.

Then there are people like me who are a 'double asset,' with both a ham ticket
and search and rescue certs...

Frank Ney WV/EMT-B VA/EMT-A N4ZHG LPWV NRA(L) GOA CCRKBA JPFO
Sponsor, BATF Abuse page http://www.access.digex.net/~croaker/batfabus.html
West Virginia Coordinator, Libertarian Second Amendment Caucus
"[E]lections amount to no more than choosing between the scum that floats to
the top of the barrel and the dregs that settle to the bottom."
- L. Neil Smith

4743. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: croaker@access.digex.net
Message-ID: <znr835901860k@Digex>
Source record: 198720
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <slrn4t3clk.1al.kd4zkw@kd4zkw.bridge.net> kd4zkw@kd4zkw.bridge.net writes:

> No, setting up an MS computer is about as tough as connecting your vcr to
> your television, and maybe your stereo.

Oooh! What you said!

Of course, I've seen quite a few folks (some even with ham tickets) whose
VCRs/TVs/Microwaves are blinking 12:00...

Frank Ney WV/EMT-B VA/EMT-A N4ZHG LPWV NRA(L) GOA CCRKBA JPFO
Sponsor, BATF Abuse page http://www.access.digex.net/~croaker/batfabus.html
West Virginia Coordinator, Libertarian Second Amendment Caucus
"[E]lections amount to no more than choosing between the scum that floats to
the top of the barrel and the dregs that settle to the bottom."
- L. Neil Smith

4744. Re: WWII Vintage Aircraft Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Leon Heller <Leon@lfheller.demon.co.uk>
Message-ID: <835911723snz@lfheller.demon.co.uk>
Source record: 198721

In article <4qt3tt$3qm@explorer.sasknet.sk.ca>
coatb@explorer.sasknet.sk.ca "Bruce Coates" writes:

> I'm not quite sure if this is the proper group to post this in, but here
> goes anyway.
>
> Out local amatuer radio club was donated a World War II vintage aircraft
> transceiver but we have absolutely no technical information on it.
>
> It bears the model number R1155A and has an insignia below the model number
> consisting of am "A" and "M" seperated by the symbol of a crown. It's was
> a 5 band transceiver but is missing the transmitter module.
>
> If anyone has any information about this beauty, please let me know. If
> there is a more apropriate news group that I should post this in, please
> also let me know.

The R1155 is an Rx, not a Tx/Rx. There was a companion Tx (not a module)
called the T1154, and the two were generally used connected together.
They were designed and built in the UK during the war, and were used in
British bombers.

The R1155 was quite popular with UK radio amateurs and SWLs when I was a
kid in the 50s, as lots of them became available quite cheaply, and most
people were using AM rather than SSB. I think the A and M with a crown
denotes "Air Ministry". I think that Practical Wireless magazine had an
article on the 1155 a few years ago, with details on refurbishing the
thing. You might be able to get the relevant back issue from the
publisher.

73, Leon
--
Leon Heller, G1HSM | "Do not adjust your mind, there is
E-mail leon@lfheller.demon.co.uk | a fault in reality": on a wall
Phone: +44 (0)1734 471424 | many years ago in Oxford.

4745. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: dmdabay@pen.k12.va.us
Message-ID: <DtoEy5.25zw@pen.k12.va.us>
Source record: 198722
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Curtis D. Levin (kd4zkw@kd4zkw.bridge.net) writes:
> On Mon, 24 Jun 1996 20:20:55 GMT, David M Dabay <dmdabay@pen.k12.va.us> wrote:

The below has been attributed to me but wasn't me....

> >> Maybe we were a while ago. Today we pale by comparison to the millions
> >> of computer beta testers. And one cannot say that there is no technical
> >> skill and knowledge involved in dealing with computers. Also one does
> >> not have to learn an outdated mode of communications to prove their
> >> prowess in the computer world.
> >
> No, setting up an MS computer is about as tough as connecting your vcr to
> your television, and maybe your stereo.

Curtis, I will agree "setting" one up is no big deal, however try to make
one actually useful..add an enet card to the exisiting modem, SB32, VGA card
typical config and do it such that 5 or 6 different programs ALL work, I think
you would be suprised how poorly they perform, without reload, reboot, reconfig
etc... Better yet try and run some of the more "powerful" software and see
how quickly it comes to it's knees..

stuff deleted..

>
> Very true, but after 25 years, I'm sure you can safely say you've had time
> to learn it. I have approximatey 3 yrs in computers, and have spent the
> first learning dos, the second learning Os/2, and now am learning linux.
> Many successful computer grads are flipping burgers at McD's as well, but
> answer me this; Have you ever seen a preinstall that is up to snuff with
> what you would consider to be technically sound ? Part of the problem with
> the industry is just that, computers are being delivered that aren't even
> ready to be used, even though they are preinstalls.

Not to change the subject but after spending the last 5 years in "higher"
ed (colleges), I think some folks are better off flipping burgers, as they
have little ability to survive inthe real world. They are being taught
archaic things, not basics mind you, which they could use, but useless
stuff because faculty doesn't want to budge and learn soemthing new or better.
There ar exceptions, but for the most part, CS people are graduating without
ever looking into a PC or understanding the basics...like EE's used to learn.
I agree some stuff is being rushed to market, but that is what the public
wants or will settle for.

Stuff Deleted
Once the net-newness wears off, which it will, because it willnot and cannot

be everything we want it to be, without a cost that no one wants to bear, computers may go back to being auseful tool, not some status bar for all to belly around to....every needs a whiz bang pentium to surf with like they need a hole in the head....how about some truly fast IO, and don't give me the ATM crap..it'll be years before it is practical if then

dave

Dave Dabay KD3PC Technology Specialist Radford City Schools
Race at the New Elk Creek Dragway

4746. Battery Inserts, Good Source?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: n5off@aol.com
Message-ID: <4qv0fk$4pl@newsbf02.news.aol.com>
Source record: 198723

Anyone know of a good source for battery pack rebuild inserts for Kenwood 205 type of batt packs?

Thanks
Tom Marcotte
N5OFF@aol.com
n5off%w5ddl.aara.org@usl.edu
Lafayette, LA, USA
Home of the University of Louisiana at Lafayette
Ragin Cajuns

4747. Need Ten-Tec Century 21 schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: cbenjam@dinfsvs.com
Message-ID: <4qv3va$66o@tkhut.sojourn.com>
Source record: 198724

I need a schematic for a Ten-Tec C-21...appreciate any help getting one.

Curt Benjamin, KF8HN

4748. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <4qusno$2rq@news.service.uci.edu>
Source record: 198725
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

In article <slrn4t3clk.1al.kd4zkw@kd4zkw.bridge.net>,
Curtis D. Levin <kd4zkw@kd4zkw.bridge.net> wrote:
>
>No, setting up an MS computer is about as tough as connecting your vcr to
>your television, and maybe your stereo.
>

No, setting up a MS computer (whatever that is) is about like trying to
interface your VCR with your toaster.

Jim, KE6JPO

4749. WTB Alpha 87 / 89/ 91 Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: kc4pe@cbus.mindspring.com
Message-ID: <4qv8fe$356g@mule2.mindspring.com>
Source record: 198726

Am looking for a good buy in one of the recent ETO amplifier
offerings.
Will pay top dollar for top equipment!!
Call
Bill - - W2ONV
201 368 3655

4750. alinco DJ580 mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: sandbo@ohana.com
Message-ID: <4qv3s0$1d4@rigel.pixi.com>
Source record: 198727

I need an internal mod that will allow me to transmit on the CAP frequencies.
Does anyone know of a way to do this?

4751. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: John@Station1.COM
Message-ID: <31D2D698.6EED@Station1.com>
Source record: 198728

```
add ham-equip
```

4752. IC-706 in Grand Cherokee

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: lwjames@csn.net
Message-ID: <lwjames-2706962145540001@news-2.csn.net>
Source record: 198729

Has anyone successfully installed an Icom IC-706 in a Jeep Grand Cherokee?
If so, where did you mount the main unit?

Thanks,

KG0GB

4753. how do you play the game on the FT-50r? e-mail me. Thanks

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: muon@indirect.com
Message-ID: <31D32A50.3811@indirect.com>
Source record: 198730

DOES ANY BODY KNOW HOW THE GAME ON THE FT-50R IS PLAYED? IF SO PLEASE
E-MAIL ME AT muon@indirect.com

THANKS

JON

4754. Re: FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Thor Wiegman <thorw@nidlink.com>
Message-ID: <01bb64af.7c426100$1c4960ce@thorw.nidlink.com>
Source record: 198731

> Brian Rademacher <N0XLF@ix.netcom.com> wrote in article
<31D0EFAE.3261@ix.netcom.com>...
> Is is possible to get amateur radio equipment type certified for
> commercial use, or does the equipment actually have to be built for such

> a purpose?
>
> I heard a while back that if the equipment met certain guidelines for
> for transmitting deviance, etc., that it could be type certified for
> commercial use...
>
Sure, if it meets the technical requirements for the rules part you are
applying for type acceptance in then it would do just fine. However, one
of the biggest problems you would run into with Part 90 type acceptance is
the fact that amateur gear is programable from the front panel. Part 90
does not allow the end user to have access to programming of the radio.

4755. Ten-Tec 2 to 6 Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Jim Finney <jpf@southeast.net>
Message-ID: <31D33819.15FA@southeast.net>
Source record: 198732

Has anyone used the TEN-TEC 1209 two to six meter transverter?

I ordered one today and an looking forward to it's arrival.

Opinions??

Thanks,

Jim.. WA5VPW

Jim Finney
jpf@southeast.net
http://users.southeast.net/~jpf
Jacksonville, Florida

4756. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DtoJ7B.FDw@netcom.com>
Source record: 198733
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In article <4qsk9b$s84@news.inforamp.net>,
Chris Valliant <Chrisv@valteck.com> wrote:
>
>
> I have been trying for the last two weeks to build a half wave
>diapole antenna. I have read the book twice, done my calculations down to
>the half inch, used several different gauges of wire, several makes of
>coax cable but I cannot get the SWR reading below 6:1. Even with an
>antenna tuner I cannot get an acceptable SWR reading. It's driving me to
>the funny farm. I have about a mile of wire in my apartment and have run
>out of ideas. Here is what I am trying to do: to build a 1/2 wave
>diapole for the 28-29 mhz. I splice the coax, solder one end to a length
>of wire 8.2 feet and the other braided end to a length of wire the same
>size. I suspend both ends using insulated clamps between two tree's,
>making sure that the whole antenna is parallel to the ground and it's 8
>feet above the ground. Now when I check the SWR, it's unbelieveable. Like
>I have said before, I have used different wire, different coax (the
>standard coax, just different brands). What am I doing wrong ? Can anyone
> spot my mistake ? I will gladly make it up to whomever spots my error.
>Anyway, thanks for listening.

Swtich from coax to twin lead. You can buy ladder line from ham shop
or just use TV antenna twin lead wire. Feed it into your balance line
input to the tuner.

I had the same type of problems with SWR till I did this on my dipole.

4757. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dtnw7K.BCs@netcom.com>
Source record: 198734
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <1996Jun26.113528.562@nad.com>,
Joe Landis - Systems & Network Mgr <landisj@nad.com> wrote:
>In article <4qmtsa$rrh@nnrp1.news.primenet.com>, Cecil Moore <kg7bk@primenet.com> writes:
>> Maccabeus <maccabeus@gatecoms.gatecom.com> wrote:
>>
>> : CW has a major advantage over phone. It can get thru where voice can
>> : not. ESPECIALLY for emergency communications.
>>
>> Hi Phillip, maybe you could share this extremely enlightened knowledge
>> with the military who would love to have a mode with those characteristics.
>>
>> 73, Cecil, W6RCA, OOTC
>
>Some of us choose not to have the machines operate our stations for us. When
>absolute reliability and efficiency with no $ spared is called for (i.e.
>military) we will use it. In the mean time, have fun doing what you like.

Considering your modern radio has several microprocessors, what does it
matter if you have one more running clover?

4758. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1Dto89n.E3L@netcom.com>
Source record: 198735
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <slrn4t38s3.1al.kd4zkw@kd4zkw.bridge.net>,
Curtis D. Levin <kd4zkw@kd4zkw.bridge.net> wrote:
>On 26 Jun 1996 07:19:44 GMT, moritz@ipers1.e-technik.uni-stuttgart.de
<moritz@ipers1.e-technik.uni-stuttgart.de> wrote:
>>But if I listen on the band, I always wonder why digital stations
>>are putting out extremely strong signals. OTOH, If someone set
>>aside 50 KHz for Pactor or clover, and this section got as busy
>>as a typical CW section, you can bet that the effective throughput
>>will be very low, because the stations will spend most of their
>>time sorting protocols, syncronizing et.c.
>>
>>73, Moritz DL5UH
>
>
>Very true... my 1200 baud packet station shows an average of about 30 baud
>throughput if queried. Of course, during a data transfer, that rate is
>higher, but that's prepackaged. You also have to be a pretty proficient
>typist to type 30 wpm, and most experienced morse code ops do that with
>ease, not counting retries, and errors. On the average, morse code is

30wpm for typing is lame, 30wpm for copying code is exceptional.
Bad comparison.

1200 baud packet facts:
1200/11 = 109 bytes per second potential
109/5 = 21 words per second potential
21*60 = 1260 wpm potential
^^^^^^^^
Facts:
World record typist - 120wpm
World record CW copy - 76wpm

My guestimation below:
Average typist - 40wpm
Average CW copy - 15wpm

4759. Yaesu FT-8000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: lui@netcom.com
Message-ID: <luiDtonF0.42q@netcom.com>
Source record: 198736

I just noticed the annoucement of the Yaesu FT-8000 dual-band mobile radio on Yaesu's WWW site. Does anyone have any more information on this radio? Does it support 6 character alphanumeric tags like the FT-8500? HRO already has a price of $599.95, which is $70-$80 less than a FT-8500.

Stephen

4760. Just got a Timewave 599zx

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: dsnider@access.digex.net
Message-ID: <31d1ff50.3292296@newsreader.digex.net>
Source record: 198778

I received my Timewave 599zx in the mail today. I've had it on order since last November.

My initial impression is that this DSP is fantastic. So far it really meets my expectations for this rig.

I tried it on CW and had a clear signal down to a 10hz bandwidth. The random noise reducer really knocked out the background noise.

I tested it on 40 meter SSB and was able to tune in a conversation only 2 khz away from a shortwave outlet. The tone remover completely eliminated the heterodyne. Then I adjusted the low and high cutoff frequencies until the chatter from the outlet station nearly dissapeared.

On Sw, I tuned in a station on the crowded 49M band and used the bandpass filter to remove heterodynes with a bandpass of 100-4850. The wide bandpass sounded great.

I've only used it a couple hours so far. I love being able to create my own 10hz - 5000hz bandwidth filter by just turning a couple knobs. The tone remover and noise reduction appear to work well. There are many more features I haven't investigated so let me get back to playing around with this amazing DSP.

Don
dsnider@access.digex.net

4761. Re: FT-1000MP vs TS-870S vs IC-775

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4qss9h$neu@news2.h1.usa.pipeline.com>
Source record: 198779

Tom:

Although I replied to your query by private e-mail, I feel I should post part of it for everyone's "benefit" ?! (and maybe get a few other TS-870S owners to comment).

The CW QSK on the TS-870S is NOT silent, ala Ten-Tec. You would think that such a sophisticated radio would at least match Ten-Tec and provide state-of-the-art QSK, but not so. There is a light clicking sound that emanates from inside the rig when keying using QSK, reminiscent of a reed relay. Apparently, it CANNOT be defeated using the menu. Be forewarned to look elsewhere if silent QSK is mandatory. Otherwise, IMO, the rig is superb.

73, Jim, KB7ET
kb7et@usa.pipeline.com

4762. Need Info: Alinco ELH-230D

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: tomas@halcyon.com
Message-ID: <4qta63$hlv@news2.halcyon.com>
Source record: 198780

I just bought (at an auction) an Alinco ELH-230D. I am trying to
locate specs on it. (Input power requirements/limits, output specs,
etc.)

If you have any information, could you email it to me? Thank you!

73 de N7PMS k

--
"How do I work? I grope" - Albert Einstein
tomas@accessnow.com -> www.accessnow.com
CHP, Incorporated; Simple Solutions in Information Technology
AccessNow!: professional internet resources (co-location, etc.)

4763. Zodiac PA2010 programing?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Marek Par <par@alta.anet.cz>
Message-ID: <31D23048.36F8@alta.anet.cz>
Source record: 198781

Hallo,
can anybody tell me (write me) how is possible to program memories in this rig? My friend have this radio but without any user manual. We have
found, how to reset this radio so now we can work on 145.000 only. There is no frequency on display. Only memory chanels 0-9.
Thanks for any info.

Marek OK2INN
par@alta.anet.cz

4764. Help on making coil..

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Wally@moor.slip.uky.edu
Message-ID: <879.6752T33T2833@moor.slip.uky.edu>
Source record: 198782

I am putting together a really small, simple transmitter for fun, and I have
been unable to find a local store that sells coils. I need a .27 - .3 uH
coil, preferably tunable, but nobody carries them at all.. Which I find
rather strange, but oh well..

Could someone tell me the specs on winding such a coil, wire diametre,
spacing, diametre, etc.. Preferably air core.

Thanks!!

--
-.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.-. --.- -.. .
. Walter Francis _. KT4LH .
- HP48GX Alinco DJ580 Icom 281 Kenwood 530S o:o -
. Wally@POP.UKY.EDU Life begins on 80 .
--... ...-- --... ...-- --... ...-- --... ...-- --... ...-- --... ...-- ..

4765. Ham stuff- where to post for sale?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: clint.bradford@atdbbs.com
Message-ID: <960627005842795@atdbbs.com>
Source record: 198783

>>I've got ham gear and tubes for sale, what's the best place on the net
>>to post?

1. THANK YOU FOR ASKING!!!!! It is obnoxious and inconsiderate to post
where inappropriate!

2. There's a "swap" rec.radio area...see if there's a "for sale"
conference, too.

3. THANKS AGAIN for asking!

clint.bradford@atdbbs.com
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

4766. Re: CW can not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: andy@pythagoras.org
Message-ID: <4qt7ti$bmp@masters0.Internex.NET>
Source record: 198784
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

>You also have to be a pretty proficient typist to type 30 wpm, and most
>experienced morse code ops do that with ease, not counting retries, and
>errors. On the average, morse code is actually more efficient than
>keyboarding.

I can send CW at about 15 wpm
(though I rarely do, since my receiving speed is less than half that).
I can type at about 75 wpm.

4767. Help needed with telephone patch

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: petrus@iafrica.com
Message-ID: <4qtkte$ol6@newnews.iafrica.com>
Source record: 198785

I'm posting this message for a friend. If anybody can be of assistance, could you please send a copy of your reply to my e-mail address as well (as I don't normally monitor this newsgroup).

MESSAGE:

I have an SG2000 HF transceiver as a base station to which I have connected an SGC Tel-two telephone patch. The patch is manual, thus requiring an operator to be present.

I would like to automate this system such that I can use it whilst I am mobile on HF in remote locations. I thus need to be able to pick up the phone, dial a number, switch the patch on and off and put the phone down from my mobile HF station. Can anyone give me an idea of how to do this??

Brendan

END MESSAGE

Thanks in advance

Petrus J. van der Merwe Tel: +264 64 404391
P.O. Box 1429 e-mail: petrus@iafrica.com
Swakopmund
Republic of Namibia (Africa)

4768. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4qtlsn$5sq@lehi.kuentos.guam.net>
Source record: 198786
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>No no no, you got it all wrong I said I was the Atypical ham.
>The typical ham is what you describe.

I'm sorry Burt. I'll try and get it right next time. A typical is
different from atypical. I'll try and remember that.....

What kind of hams go to Dayton, Burt, would they be
atypical hams or typical hams ??

73, Jim KH2D

4769. digitalker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: sam@erinet.com
Message-ID: <sam.6.02AB1265@erinet.com>
Source record: 198787

Does anyone have any information for obtaining a digitalker, or some other voice synthesizer easiliy modified for a blind ham friend of mine ?

4770. Re: World Band Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: mreising@aol.com
Message-ID: <4qtr1n$m1b@newsbf02.news.aol.com>
Source record: 198788

World band radio generally refers to shortwave broadcasts. You can certainly receive broadcasts from foriegn countries but it has nothing to do with satellites. A decent shortwave broadcast receiver will cost at least $250 to $350. Get something with digital tuning, minimum 1 KHz steps and full coverage from 0.5 to 30 MHz. Good luck.

from Mark, WB9BVV

4771. Re: FT-1000MP vs TS-870S vs IC-775

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: n4lq@iglou.com
Message-ID: <DtnqBz.2yK@iglou.com>
Source record: 198789

Keep in mind that all TenTecs use reed relays too. They are fairly quite
but you can hear a slight clicking if you put your ear next to the rig.
Maybe the 870's relay just needs a little padding.

Jim Sheffield (kb7et@usa.pipeline.com) wrote:
: Tom:
:
: Although I replied to your query by private e-mail, I feel I should
: post part of it for everyone's "benefit" ?! (and maybe get a few
: other TS-870S owners to comment).
:
: The CW QSK on the TS-870S is NOT silent, ala Ten-Tec. You
: would think that such a sophisticated radio would at least match
: Ten-Tec and provide state-of-the-art QSK, but not so. There is
: a light clicking sound that emanates from inside the rig when
: keying using QSK, reminiscent of a reed relay. Apparently, it
: CANNOT be defeated using the menu. Be forewarned to look
: elsewhere if silent QSK is mandatory. Otherwise, IMO, the rig is
: superb.
:
: 73, Jim, KB7ET
: kb7et@usa.pipeline.com

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4772. Re: FT50 v. 508a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Phil Scott <72067.3177@CompuServe.COM>
Message-ID: <4qttaa$6tp$1@mhafn.production.compuserve.com>
Source record: 198790

The FT-50 is a nice radio...I own it and the C508, but the FT-50 is heavy and a bit bulky! The FT-51 may be a better choice for you....has more features, much lighter, still 5 watts, slimmer, more batteries available it just lacks the 800 Mhz coverage and scans more slowly than the FT-50.
Gd luck,
Phil N3KDJ

--

Internet Mail to pscott@baynetworks.com

4773. Re: Field Day cw reader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: dgra@eci-esyst.COM
Message-ID: <n1376257337.48099@qmgate.eci-esyst.com>
Source record: 198791

For your information, a non-memory iambic keyer and Bencher paddles
and a straight key were used. I have setup the CW station for
three out of the last 5 Pinellas County Field Day outings. I hadn't
done much HF during the past year because of lack of time, but
was pleasantly surprised how fast I got back in the swing and was
able to copy the fast stations. It took a little longer to send
that fast. These outings keep reminding me how much I love CW.
For a real blast, try it mobile with a straight key held to your
leg with velcro. I think I love code because it's a challenge -
any nitwit can talk into a microphone ... then again, some of them
can't.

73, Dana Rodakis, AJ1R

4774. Duplex distance on Kenwood TM-733

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: a.eversberg@flensburg.netsurf.de
Message-ID: <520.6752T844T321@flensburg.netsurf.de>
Source record: 198792

I bought a Kenwood TM-733 from second hand without instruction.

1. Does someone has an instruction or knows where to get it?

2. I just can use 1.6 MHz duplex distance. How can i change it to 10 MHz or any other value?

3. How can i modify the micro controller to send on all frequencies?

4. I want to send and receive 9600 Baud FSK on 70 cm band. What do i need to modify?

5. There is a S-VHS like plug at the front pannel. How is it connected?

I think, i will find most of the answers in the instruction.

Andreas

4775. Re: Just got a Timewave 599zx

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: kc4pe@cbus.mindspring.com
Message-ID: <4qu19t$3hdq@mule2.mindspring.com>
Source record: 198793

dsnider@access.digex.net (Donald Snider) wrote:

>I received my Timewave 599zx in the mail today. I've had it on order
>since last November.

>My initial impression is that this DSP is fantastic. So far it really
>meets my expectations for this rig.

>I tried it on CW and had a clear signal down to a 10hz bandwidth. The
>random noise reducer really knocked out the background noise.

>I tested it on 40 meter SSB and was able to tune in a conversation
>only 2 khz away from a shortwave outlet. The tone remover completely
>eliminated the heterodyne. Then I adjusted the low and high cutoff
>frequencies until the chatter from the outlet station nearly
>dissapeared.

>On Sw, I tuned in a station on the crowded 49M band and used the
>bandpass filter to remove heterodynes with a bandpass of 100-4850. The
>wide bandpass sounded great.

>I've only used it a couple hours so far. I love being able to create
>my own 10hz - 5000hz bandwidth filter by just turning a couple knobs.
>The tone remover and noise reduction appear to work well. There are
>many more features I haven't investigated so let me get back to
>playing around with this amazing DSP.

>Don
>dsnider@access.digex.net

Interesting, keep us up todate as you get more experience wiith the
unit. I have the 59+ and am wondering iif the change will be worth
it!!.
Thanks, Biilly
kc4pe@cbus.mindspring.com

4776. TS-850 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Scott Ellington <sellington@ssec.wisc.edu>
Message-ID: <31D2944C.31D6@ssec.wisc.edu>
Source record: 198794

My friend W9IXG seems to have no end of woes with his TS-850. The latest is a display that blanks while tuning, then comes back when he stops. The radio otherwise seems to function fine, but he can't tell what frequency it's on until he stops tuning. Has anyone else seen a problem like this?

Also, does anyone know if there is a Kenwood reflector?

Thanks and 73,

Scott K9MA
sellington@ssec.wisc.edu

Don W9IXG
dem@jerry.sal.wisc.edu

4777. Re: FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Brian Rademacher <N0XLF@ix.netcom.com>
Message-ID: <31D2898C.184E@ix.netcom.com>
Source record: 198795

Jim Weir wrote:

> Well...like every other question, it depends. The absolute answer is
> yes. There are ways to do it. However, there are caveats.
>
> 1. Let's say you have a piece of Kencom amateur radio 2-meter gear, a
> KC-1234 that you want to have type "certified" in the commercial
> 150-170 MHz. range. The actual approvals are type accepted for the
> transmitter and certified for the receiver (2 separate approvals
> required) but let's not stand on splitting definitions right now.
>
> 2. You can't just ask for a Kencom KC-1234 type certification. You
> have to make up your own name (and Kencom is certainly going to sue
> you if you use theirs) and your own model number. You have to rip off
> the Kencom nameplate (and for legal reasons, I'd suggest that you sand
> off the faceplate logo too).
>
> 3. Then you put what is now YOUR radio of YOUR manufacture through
> the type acceptance test procedures, prove that the radio will meet
> the commercial specs, and submit the data along with the fees to the
> FCC labs for their perusal. The tests ain't easy and the fees ain't
> cheap. Unless you've got your own lab set up (see the 1984 RF Expo
> proceedings for a paper I wrote on TA tests on a string -- "Champagne
> measurements on a beer budget") figure between $5k and $10k for the
> tests and another $1k or so for the fees.
>
> 4. If and when you get the approvals back, you slap YOUR label on
> YOUR radio and send it out. If, by the way, the radio was one that
> had a frequency selection feature, you are somehow going to have to
> disable the front-panel use of that feature. You can still TA the
> radio with the circuitry, but the operator CANNOT have a control that
> would allow them to transmit on a channel for which they weren't
> licensed.
>
> 5. And, of course, unless you've got a deal going with Kencom, as
> soon as they find out you are pirating their radios and selling them
> under your brand, you are going to play hell buying them.
>
> Jim

Very interesting, but I think I'll pass :) Sounds somewhat expensive - Now here is where I get in to the interesting part on my end...I suppose that I could justify my cause in the following way (if it ever came down to it)...I work for a law enforcement agency and have a plethora of frequencies programmed in to my Icom D-100, with the capability to transmit on all of

them...Now I know that there is the rule of "if in case of an emergency....anything goes...."... Technically, you could say that anything that I would ever have to communicate over that radio (which is in my personal vehicle) could be classified as an emergency...Wonder if that would fly? I've always wondered...

4778. SB200 to 6M HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <4qtmce$mgb@insosf1.netins.net>
Source record: 198796

Looking for info on converting SB-200 or similar to 6 meter use... got a response about it, that there was a N1 type call that specialized in this, but like an idiot i lost the message... anyone know of anyone who does SB-200 to 6M conversions, or has similar for sale? Thanks... 73 Bob

4779. Kenwood TS60

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Jim Whitaker <Jim.N8XYN@worldnet.att.net>
Message-ID: <4qu24m$ek5@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 198797

Does anyone know if the mars cap mod for the TS50 is the same as for the TS60? All I can find is ts50 mods!

4780. Re: FT-1000MP vs TS-870S vs IC-775

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2706960936000001@145.39.1.10>
Source record: 198798

In article <4qrrq8$ikj@news01.aud.alcatel.com>, sander@aud.alcatel.com wrote:

>
> I ordered a FT-1000MP. It worked perfect out of the box. It has a lot of knobs
> and menu functions which took me a while to master. But when I did, all the
> DSP/filters/gismos contributed to signal enhancement at various times.
>
> I discovered one MAJOR problem with it. I have a ham neighbor that operates a
> lot of CW contests. I can look out the window and see his antenna. I was on
> 15 SSB operating the field day event in class 1D when I heard the
hissing of his CW.
> I switched bands to 20m SSB and his CW was loud. I tuned down into 20m CW and
> he was there -LOUD. This is called phase noise.
>
> I don't know if he ever operated during the time I was evauating the OMNI, so
> I don't know if he would have been there or not. But the point I'm
making is the FT-1000MP generates/receives phase-noise from locals. If
you're a reasonable
> distance away from a neighboring ham this may not be a problem.
-- snip --
>
> 73, Dick - K5QY --- These opinions are my own, not my employer.

I hope it receives phase noise - if it doesn't it won't receive anything
else either!! The fault there is in your neighbor's rig which radiates
excessive spurious signals. It's not (necessarily) in the FT1000 receiver
which hears the crud along with the desired signals on frequency.
And FWIW, if hams insist on buying a general coverage transceiver, don't
expect much filtering of the phase noise and other crud. It's not like
the old days when rigs only had to pass a few 500 kHz segments and could
reject everything else that came out of the VFO.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

4781. Re: Duplex distance on Kenwood TM-733

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: Jim Whitaker <Jim.N8XYN@worldnet.att.net>
Message-ID: <4qu2e7$ek5@mtinsc01-mgt.ops.worldnet.att.net>
Source record: 198799

Try the Kenwood homepage. If you leave them E-mail they might send the docs you need. I've had them FAX me out things a few times, there pretty friendly and helpful. Sorry I dont have their URL but just send webcrawler after it.

4782. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun27.132430.13406@ke4zv.atl.ga.us>
Source record: 198800
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4qr7fs$lep@lehi.kuentos.guam.net> pacrimgolf@kuentos.guam.net writes:
>John Hughes <afn01079@afn.org> wrote:
>>pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>>> Make it ICOM or TEN-TEC. Vote with your wallet and your brain.
>>> 73, Jim KH2D
>>Well, fill me in. What's your objection to Yaesu...nationalistic?
>
>Nope, nobody here makes radios, and the big three are all made
>in the same nation. Icom's HF receivers are far superior to Kenwoods,
>that's why all the big contesters use Kenwood. The deader your
>receiver, the less you hear the guy's transmitter who is sitting
>next to you. Yaesu has had problems ever since the invention of
>the transistor - they made fairly good stuff when we all used tubes,
>but since then they have gone down hill dramatically. And Yaesu's
>target market has always been 11 meters. After the 101's they
>took 11 off the bandswitch, but they replaced it with a dipswitch
>inside the radio, I guess so nobody would cut the wrong wire.....

I suspect you'll get a lot of argument about your comments above.
Though I own Icom HF equipment, an IC-735 and an IC-706, I must say
that Icom is in second place for HF transceivers compared to the
newer Yaesus. At the top of the line, the FT-1000 simply blows
Icom and Kenwoood away, and the FT-990 and FT-900 aren't bad in
their price classes either. Kenwood HF gear is also pretty good,
if you can keep it working. The big problem with all the recent
Kenwood gear is reliability. (And their VHF/UHF gear has always
sucked.)

>I did see a Icom 706 (?) at field day last weekend, and I wasn't real
>impressed with the receiver (HF) on it, it has the image problem on
>CW that the 745 had. But it's a whole lot of bands for not a whole lot
>of money, so it still looks like a good deal to me.

It is a good deal, for what it is. It is not a top of the line rig,
though I must take issue with comparing it to the IC-745. Now that
was a truly awful radio. It suffered even more from front end overload
(all the time) than the IC-706 does when the IC-706 preamp is on (you
should leave the preamp off on HF, you never need it). The IC-706 does
let you reverse sidebands in CW mode, which does get rid of most problems.
There is a bit of filter blowby (I assume the rig you saw was fitted with
the optional CW filter, without it the IC-706 is totally unsuitable for
CW or digital), but it isn't nearly as bad as the old IC-745. That thing
was a real turkey. The IC-706 isn't as good as the IC-735, but then few
radios are (and all of those are lots bigger and cost lots more), and

the IC-706 is smaller still, and does offer 6m and 2m.

>My observations are not based on labratory testing (Gary can fill you
>in on that), just real world use. After having owned radios from all
>of the big three, and having watched all the guys I started out with
>do the same, seems like most if not all of us wound up with boxes
>that say Icom on the front. In the last ten years I've also met a
>lot of Japanese hams, and most I've met prefer Icom also.

Like I mentioned, I've got two Icom radios now, but I've owned
Kenwood, Yaesu, Ten-Tec, Drake, National, Hallicrafters, Heath,
SBE, Galaxy, Johnson, B&W, Collins, etc over the years. The Icom
radios aren't the absolute best in raw performance. Of all those
I mentioned, the FT-1000 is the best in raw performance. But there
are more issues than that for me. I want a small radio today, and
I want one that is well built mechanically and thermally. In the
small radio class, that's Icom.

But if I were fielding a big contest station, all the radios would
likely say Yaesu on the front. Though if I could keep them running,
they might say Ten-Tec (you *need* that great factory support). They
would not say Kenwood unless I had at least four sets of spare radios.
That way maybe I'd have one radio that worked when I needed it.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4783. Re: Oregon hams bust jammer (PARG)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <4qu62h$dsb@nonews.col.hp.com>
Source record: 198801
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Robby Rust (talin@gte.net) wrote:
: Bill wrote:
: >
: >
: geez a little word wraping would us all to read this much better

And while we're at it, how about some restraint on what
newsgroups this gets posted to?

rec.radio.equipment? give me a break

4784. Re: FT50 v. 508a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: dkaye@mars.superlink.net
Message-ID: <4qu6bs$j5h@earth.superlink.net>
Source record: 198802

In article <4qttaa$6tp$1@mhafn.production.compuserve.com>, Phil Scott
<72067.3177@CompuServe.COM> wrote:
>Path:
> earth.superlink.net!news.sprintlink.net!news-stk-200.sprintlink.net!news.sprin
>tlink.net!new-news.sprintlink.net!nntp.primenet.com!news1.best.com!sgigate.sgi.
>com!swrinde!howland.reston.ans.net!math.ohio-state.edu!uwm.edu!chi-news.cic.net
>!news.compuserve.com!news.production.compuserve.com!news
>From: Phil Scott <72067.3177@CompuServe.COM>
>Newsgroups: rec.radio.amateur.equipment
>Subject: Re: FT50 v. 508a
>Date: 27 Jun 1996 12:03:22 GMT
>Organization: Bay Networks, Inc.
>Lines: 11
>Message-ID: <4qttaa$6tp$1@mhafn.production.compuserve.com>
>References: <31CF03DD.274D@nando.net>
>Status: N
>
>The FT-50 is a nice radio...I own it and the C508, but the FT-50
>is heavy and a bit bulky! The FT-51 may be a better choice for
>you....has more features, much lighter, still 5 watts, slimmer,
>more batteries available it just lacks the 800 Mhz coverage and
>scans more slowly than the FT-50.
>Gd luck,
>Phil N3KDJ
>
>--
>
>Internet Mail to pscott@baynetworks.com

You forgot to mention that the FT-51 is ALOT more money! For the money(for
me $324 for the 5 watt version) you can not beat the FT-50R! Just my 2 cents.
73

Dave Kaye, N2SJH (dkaye@mars.superlink.net)

"Life is very short and there's no time for fussing
and fighting my friend"
-Lennon/McCartney

4785. FT-530 Receive 800-900MHZ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: jean@pubs15.si.COM
Message-ID: <m0uZIZD-0000hoC@pubs15.si.com>
Source record: 198803

Hello All,

Can a FT-530 really receive 800-900MHZ after the mod???? A friend of mine has done the mod, but complains that it only "scans thru"; and receives NOTHING.....

Has anyone received anything in the 860-900MHZ portion of the band????

THANX IN ADVANCE!!!
Rich

4786. Re: Req. for Comments - FT50R

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: <>
Message-ID: <4qu9e5$4ab@jan.et.byu.edu>
Source record: 198804

In <4qpb1g$8lt@news4.digex.net>, bnr@universe.digex.net (bnr) writes:
>I'm just about ready to take my exam for my Tech license and think it is
>about time to start looking for my first HT. I'd like a dual band and as
>a long time scanner nut, I like the FT50R extended RX.
>
>What I am wondering is does anyone have any comments on this radio. What
>are its good points and bad points? What kind of accessories are useful?
>Should I go with 2 watt or 5? and what are the differences in the
>different batteries? And what other radios would be in the same price
>range and worth comparing?
>
>I know its a tall order, but if you have any experience with the radio - I
>would love to hear whatever you have to say...
>
>Thanks in advance,
>
>=-=-=-=-=-=-= Brian Raines <bnr@universe.digex.net> =-=-=-=-=-=-=
> ------------------------------------
>http://www.universe.digex.net/~bnr/3000.html The Uniden BC3000xlt
>
>"Forget that blind ambition, And learn to trust your intuition,
>Plowin' straight ahead come what may" - J.B.

Brian,

I am new HAM myself. I just got my license 2 months ago. I made the decision to buy the Yaesu FT-50 for my first FT. For a beginner and a no brainer when it comes to radio and communications, the FT-50 came through for me. I LOVE IT!!! It works great. I did not have a hard time at all figuring out what it can do. Even though I am not all that familiar with terminologies, I manage to figure out what they are and how they work.

The size is perfect me. 5 WATTS definitely. This will give you the flexibility of transmitting on low power to extend battery life and high power when you really need it. And boy am I glad I could switch to 5 watts. One accessory that I would recomend that you get right away is the Mic adaptor, CT-30. The FT-50 comes with a unique mic/ear jack plug, there is only one. Both mic and ear plug into the same jack. Yaesu have accesories that will work with it but if you want to use standard accessories, ones with two prongs on them, you will need the adapter. Anyway, I may not be the best source for comments on the FT-50, but from a beginner's stand point, I give it my highest recomendations. There is a great review writen by another FT-50 user in the Ham Radio Online Magazine, http://www.accessone.com/~vbook/hronline.htm. I suggest you read it.

Jerrie Pineda
KC7RBQ

4787. Re: FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun27.142902.544@ke4zv.atl.ga.us>
Source record: 198805

In article <31D0EFAE.3261@ix.netcom.com> N0XLF@ix.netcom.com writes:
>
>Is is possible to get amateur radio equipment type certified for
>commercial use, or does the equipment actually have to be built for such
>a purpose?
>
>I heard a while back that if the equipment met certain guidelines for
>for transmitting deviance, etc., that it could be type certified for
>commercial use...

In theory, you can gain Type Acceptance for any radio which meets the Type Acceptance criteria. In practice, unless you are the manufacturer or importer, it would be extremely difficult. And obtaining Type Acceptance is both expensive and time consuming.

Most amateur equipment does not meet Type Acceptance criteria in one or another important way. The most likely way it will fail is in having user programable channels. Land Mobile Type Acceptance doesn't allow direct frequency entry by the user.

Most amateur equipment can probably meet the spectral response requirements and the frequency tolerance requirements, but that's only part of what makes a radio Type Acceptable in the Land Mobile service. It also has to be idiot (user) proof as well.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4788. Re: Car amplifier for scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1996Jun27.143845.630@ke4zv.atl.ga.us>
Source record: 198806

In article <19960625190308.boaze@softeare.rad.co.il> boaze@softeare.rad.co.il writes:
>Would you please help me by the following:
>I have a scanner (Yaesu) which I am using in my car. Its power is
>approximatelly 4-5 watt and I want to work with 30-50 watt,So I'm looking
>for amplifier to that power. It has to work in a car with 12VDC.
>My most using frequencies are 168.000 - 172.000 (VHF).
>Please advice me:
>1. Where I can buy such device, in USA or (specially) in France.
>2. What type is recomended.
>3. What is the price (more or less).
>I would appriciate any answer.
>Thanks,
>boaz Entin

Kraco, Audiovox, Kenwood, Sony, etc all have 30-50 watt amplifiers
available for auto use. Any car stereo shop should be able to
show you a selection of such amplifiers, and the speakers you'd
want to use with them. The cost shouldn't be much over $100
installed (less speakers). Though I must admit I have no idea
why anyone would need that much audio out of a scanner. It won't
be stereo, and fidelity will suck.

Gary
--
Gary Coffman KE4ZV | You make it, | Due to provider problems
Destructive Testing Systems | we break it. | with previous uucp addresses
534 Shannon Way | Guaranteed! | Email to ke4zv@radio.org
Lawrenceville, GA 30244 | |

4789. Re: FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4qucg3$83r@li.oro.net>
Source record: 198807

Brian Rademacher <N0XLF@ix.netcom.com> shared the following priceless
pearls of wisdom:

->Very interesting, but I think I'll pass :) Sounds somewhat expensive

Well..of COURSE it is. The TA rules were set up for manufacture, not
one-off conversions.

- Now
->here is where I get in to the interesting part on my end...I suppose
that I
->could justify my cause in the following way (if it ever came down to
it)...I
->work for a law enforcement agency

Then you KNOW the answer, don't you??

and have a plethora of frequencies
->programmed in to my Icom D-100, with the capability to transmit on
all of
->them...Now I know that there is the rule of "if in case of an
->emergency....anything goes...."... Technically, you could say that
anything
->that I would ever have to communicate over that radio (which is in
my
->personal vehicle)

Then it is not even a law enforcement issue. It is a private citizen
who becomes a law enforcement officer when officially assigned to a
duty. An off duty officer has no more right to break the law in the
advancement of "law enforcement" than I do.

could be classified as an emergency...Wonder if that would
->fly? I've always wondered...

Are you willing to sit on the left side of the courtroom with the AG
on the right side and plead your case???

Jim

Jim Weir VP Engineering | You bet your sweet patootie I speak for the
RST Engineering | company. If I don't, ain't nobody gonna.
Grass Valley CA 95945 |
http://www.rst-engr.com | AR Adv WB6BHI--FCC 1st phone---Cessna 182A N73CQ
jim@rst-engr.com | Commercial/CFI-Airplane/Glider-A&P-FAA Counselor

4790. FS: PK-88 TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: brentb@misfit.math.tamu.edu
Message-ID: <4qudjr$flk@news.tamu.edu>
Source record: 198808
Cross-posted to: rec.radio.amateur.equipment,tamu.forsale

```
For sale:
(1) AEA PK-88 TNC
All manuals, cables and original packaging.

This TNC is a few years old, but works fine.
$75 negot.

-Brent
n5vmg
```

4791. Re: World Band Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: d-cripps@dircon.co.uk
Message-ID: <4qug7j$qgm@newsgate.dircon.co.uk>
Source record: 198809

>
>Does anyone know if there is such a thing as a world band radio?? i heard
>about it from a friend that the radio connects you with a satellite in a
>certain city so you can receive broadcasts from different cities. is this
>true. if so, where could i obtain one of these radios? any help would be
>appreciated. please reply to Richard@Pldvax.Pueblo.Lib.Co.Us
>

Tim,

You might have heard about the World Radio Network (think) they basically
take the best of shortwave radio programmes and relay them via
satellite audio links. to receive you'd need a dish and tunable
decoder for the various audio sub-carriers.

Not quite as portable as a sony SW100!

Dave Cripps G7IDB

4792. Re: FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: "C. Wheeler" <cwheeler@ccnet.com>
Message-ID: <4qugbh$ghj@gaudi.lahabra.chevron.com>
Source record: 198810

Brian Rademacher <N0XLF@ix.netcom.com> wrote:
>Jim Weir wrote:
>
>> Well...like every other question, it depends. The absolute answer is
>> yes. There are ways to do it. However, there are caveats.

["five points of light" to type acceptance deleted ;)]

>
>Very interesting, but I think I'll pass :) Sounds somewhat expensive - Now
>here is where I get in to the interesting part on my end...I suppose that I
>could justify my cause in the following way (if it ever came down to it)...I
>work for a law enforcement agency and have a plethora of frequencies
>programmed in to my Icom D-100, with the capability to transmit on all of
>them...Now I know that there is the rule of "if in case of an
>emergency....anything goes...."... Technically, you could say that anything
>that I would ever have to communicate over that radio (which is in my
>personal vehicle) could be classified as an emergency...Wonder if that would
>fly? I've always wondered...

Nope...Don't think it would fly. The rules that allow you to break the
other rules in an "emergency" are for extenuating circumstances. If you
are a law enforcement officer, handling emergencies is hardly
extenuating since you do it on the job everyday, right. These would be
"regular communications".

Your "cop radios" operate under part 90. Part 90 allows for the
temporary use of non type accepted equipment under certain conditions -
For example, when ordinary equipment is not available and
communictaions are needed for disaster recovery. However even when you
do that, you must notify the FCC (within a reasonable time frame) and
they can order you to cease such operation.

I have nothing against "moding" a ham radio to work outside of the ham
bands because there are legal uses for it. However - this ain't one of
them.

Curtis

4793. Re: digitalker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: dubner@spk.hp.com
Message-ID: <4qum7c$sa8@hpcvsnz.cv.hp.com>
Source record: 198811

the sailor man (sam@erinet.com) wrote:
: Does anyone have any information for obtaining a digitalker, or
: some other
: voice synthesizer easiliy modified for a blind ham friend of mine ?

I've been pleased with the V8600 Speech Synthesizer from RC Systems (1609 England Avenue, Everett, WA 98203, telephone (206) 355-3800). It requires +5V power, a speaker, and an interface to RS-232 serial (a transistor and resistor) if desired. It has built-in software (firmware, actually) that converts text to speech but can also do other things, such as generate DTMF. Hours-and-hours of fun for hams of all ages for ~$150.

Note that this is not an endorsement by the organization in my e-mail address; this is K7JD speaking.

73,
Joe, K7JD
dubner@spk.hp.com

4794. Re: ICOM 706 audio

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <4qunoj$9e6@news.jf.intel.com>
Source record: 198812

In article <DtKoAK.9K6@iglou.com>, Steve Ellington <n4lq@iglou.com> wrote:
>Here we go again! I wish Icom would put in their manuals how to adjust
>this.

They did. Just explain it enough for appliance operators.

>Get into the menu, Q4. Change your carrier frequency to about 0 or a bit
>lower. This will give you all the lows you need. The 706 has great audio
>now! 73

I don't understand this. I found that the default value on mine was zero and that setting it anywhere from 100-200 improved my transmitted audio considerably. It was reported that I went from 'a runt with a clothespin on his nose in the bottom of a 50 gallon barrel', to my natural self, however that may be described. The control seems to go from 200 to -200. I don't run LSB anymore so I'm not sure if you have to set a minus value for that. The IF shift needs to be set the other way to get the equivalent receive audio correction. For USB I have my carrier shift at 100 and my IF shift on the first red line to the right of middle.

A good way to check your audio is on the Russian bird, RS-12. Transmit up on the 15 meter band and listen to yourself on mode T using headphones and a 2 meter SSB rig. Or else use another SW radio on 10 meters to listen with but its not as strong and clear.

Satellite: RS-12 NASA Catalog Number: 21089
Analog Transponders:
Uplink Downlink
Mode K: 21.210 - 21.250 Mhz 29.410 MHz - 29.450 MHz
Mode T: 21.210 - 21.250 MHz 145.910 MHz - 145.950 MHz
Mode A: 145.910 - 145.950 Mhz 29.410 MHz - 29.450 MHz

Mode KT: 21 MHz uplink into 29 and 145 MHz downlinks
Mode KA: 21 MHz and 145 MHz uplinks into a common 29 MHz downlink

Beacons: 29.408 MHz, 29.454 MHz, 145.912 MHz, 145.958 MHz

Robot Upinks: 21.130 MHz, 145.830 MHz

How to find RS-12:

http://www.amsat.org/amsat/
ftp://ftp.amsat.org/amsat/
http://www.netwide.net/logsat
http://www.sat-net.com/winorbit
http://www.luminet.net/~cjeffers/
http://www.usa.net/acappella/satspy/satspy.htm

--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

4795. Re: Req: Antenna plans for 440

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-27 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <4qunje$57n@fcnews.fc.hp.com>
Source record: 198813

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: Now, on a smooth Earth, you need an antenna about 1,000
: feet HAAT (Height Above Average Terrain) to have a LOS
: distance of 30 miles (that's because the Earth is not
: flat and its curvature sets a finite horizon). If both
: ends are elevated, however, you can divide the required
: antenna heights between you. In other words, the HAAT
: can be gotten by a single 1000 foot elevation or by two
: 500 foot hills, one at each end. If the Earth is not
: smooth between the two points (the usual case), you'll
: need more height at the end points to achieve LOS.

I was looking at this, and since the line of sight distance goes up approximately as the square root of the height above ground (good approximation for relatively low heights), increasing the tower height 4X only doubles the LOS distance. From that it follows that dividing the tower height by 4 only halves the LOS distance. Since the original distance covered by a 1000ft tower (more like 39 miles by my calculations) can be just covered by two segments of 19.5 miles, it further follows that a 250 foot tower on each end would equal a 1000 foot tower on one end and a "short" antenna height on the other. Interesting. Ideal line of sight situations, of course.

Of course, in "real world" situations, and especially in the mountains just west of where I live, propagation can/will be quite a bit different...which is what makes it interesting.

-Paul C. KG0CZ

4796. Re: Software for IC706 please

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: ag368@FreeNet.Carleton.CA
Message-ID: <4qv9gu$j1h@freenet-news.carleton.ca>
Source record: 198737

Dennis Freedman (Dennis@g3vsh.demon.co.uk) writes:
> HI
> I recently posted a msg saying that I'm a white stick op needing help using
> an Icom IC706.
> I received no replies (probably because most people would think that wihtout
> sight it would be very difficult to use this rig.
> I am pleased to say that with initial help in setting up the rig I am able to
> use all the essential functions and am fast learning the others.
> However, the ideal would be to operate the rig with a computer (I have a PC
> with a speech synthesiser). I have as yet found no software to drive this
> rig and would appreciate any help in locating it, preferably demo versions so
> I can see whether the software will work with speech, and preferably via the
> Internet as this would save me time.
> Any help welcomed.
> 73 de Den G3VSH.
>
> --
> Dennis Freedman
> Blind jazz musician and educator
> (Work: City College Manchester (UK); tel.: (+44) (01) 61 957 1720;
> Home: Amateur Radio Station G3VSH; tel.: (+44) (01) 706 82 3022).

Dennis,

There is am optional voice synthesizer unit UT-102 that annonces accessed
bands frequency, mode, etc. This may be what you are looking for.

--
Mark J. Boyer VE3MJB ag368@freenet.carleton.ca
mboyer@cyberus.ca

If diamonds are a girls best friend, then gravity must be her worst enemy!

4797. Re: Field Day cw reader

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <4qveo6$lb0@abyss.West.Sun.COM>
Source record: 198738

In article <n1377633922.90845@qmgate.eci-esyst.com>,
Dana Rodakis <dgra@eci-esyst.COM> wrote:
>> Doug Reed wrote:
>>
>> Last year our Field Day station worked 20M CW using a PK-232 to decode
>> CW and the WR9R logger program to send CW. I'm interested in
>> comments from the audience about anything they have used that might be
>> better than the PK-232 for CW decode.
>
>Nice to know that you cheated on Field Day last year. Let me know what
>your FD call was so that I can have the ARRL remove all CW points from
>your score. How about using your brain to copy CW ... oh, I get it,
>you don't have one, that's why you need a machine to cheat during the
>contest.

I don't remember seeing anything in the FD rules that specifies that
code must be sent by hand and received by ear. If there's no rule
against it, it isn't cheating. Perhaps you'd like to cite the relevant
FD rule?

Anyway, the bit about not having a brain.... that's just a gratuitous
flame. I'm sure that people that haven't learned code yet will be
really inspired by that.

>Dana Rodakis, AJ1R
>CW Station Coordinator
>Pinellas County Field Day
>
>P.S. The CW station attracts naturally attracts operators at FD. The
>station is active the entire contest period. AND, we use our brain to
>copy code, not some electronic decoder.

Well, good for you - I use my brain to decode CW also. I'll bet someone
trying to use a machine to decode CW isn't able to work as many stations
as one of us is - the electronic decoders are often pretty fussy and
apparently don't do all that well on a congested frequency. In other
words, the people using a decoder may be at a disadvantage.

Dana

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are mine and should *
* (310) 348-6043 | not be interpreted or represented as *
* Dana.Myers@West.Sun.Com | those of Sun Microsystems, Inc. *

4798. Re: FT50 v. 508a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: ydtlzmj@news.atglab.bls.combst.bls.com
Message-ID: <4qvgdq$o0u@atglab10.atglab.bls.com>
Source record: 198739

: You forgot to mention that the FT-51 is ALOT more money!
: For the money(for me $324 for the 5 watt version)
: you can not beat the FT-50R!
: 73 Dave Kaye, N2SJH (dkaye@mars.superlink.net)

Dave, check the latest catalogs. HRO has 50 and 51 at the same prices:

2W - $329.00 5W - $339.00

I still prefer the 51, but then that was my first Dual band.

Victor

4799. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: JohnEly@ia.net
Message-ID: <4qvh5r$vh@hera.ia.net>
Source record: 198740

Chrisv@valteck.com (Chris Valliant) wrote:

> I have been trying for the last two weeks to build a half wave
>diapole antenna. I have read the book twice, done my calculations down to
>the half inch, used several different gauges of wire, several makes of
>coax cable but I cannot get the SWR reading below 6:1. Even with an
>antenna tuner I cannot get an acceptable SWR reading.

It should not be at all difficult. Honest.

What sort of antenna tuner? (Not that you need it for this antenna)

> Here is what I am trying to do: to build a 1/2 wave
>diapole for the 28-29 mhz. I splice the coax, solder one end to a length
>of wire 8.2 feet and the other braided end to a length of wire the same
>size.

Half Wave Doublet Antenna
I assume it looks sort of this way:

```
- - - O-------------------------*O*--------------------------O - - -
```

8.2 ft 8.2 ft

- - - is rope, nylon rope, string, or other nonconductive support

O is insulator (three shown)

* is where coax hooks up (one the same end of the coax, connect
the braid to one side and the center conductor to the other)

What sort of coax do you have? Make sure its RF cable and not just
shielded wire. 50 ohm is what is most often used, but 72 ohm will
work fine.

Connect the VSWR bridge at the other end of the coax.

>I suspend both ends using insulated clamps between two tree's,

Are you sure the clamps are really insulated?

If you have an ohmmeter, check that the coax measures open with the
antenna connected. That way you know the coax isn't shorted.

>making sure that the whole antenna is parallel to the ground and it's 8
>feet above the ground.

You will probably get much better results with it higher above the
ground. GET THOSE AMPS IN THE AIR!. Don't worry about it being

parallel to the ground or at any special height above the surface of the Earth. Having said that, I still can't believe your SWR is so high, even at eight feet..

>Now when I check the SWR, it's unbelieveable. Like
>I have said before, I have used different wire, different coax (the
>standard coax, just different brands). What am I doing wrong ?

Not much. How do you check VSWR? A little current on the coax that is induced from the antenna can make it look as if the VSWR is high. Some lengths of coax are more likely to do this than others. One way to check is to make a tight coil of coax (three turns) near the feed point and see if the SWR changes (or use a balun).

>Can anyone
> spot my mistake ?

Does your transmitter work OK into a 50 ohm RF load? Are you sure the bandswitch didn't slip and you are trying to feed the antenna with 14 MHz instead of 28 MHz?

I once tried to tune an antenna with a vector impedance meter and found that the antenna picked up signals that caused false readings. I assume you are using some sort of transmitter.

If the antenna is only 8 feet high, you can probably take it to a friends house and use his radio to check it, etc. Once you get a VSWR below 3, you can see which frequencies are lower and adjust the length until it is quite low.

Let me know what you find, I'm sure I can help you get it working.

I've worked 48 states and many countrys on my 50 MHz dipole, mounted in my attic, and never did check the VSWR yet.

Good Luck

John, W0GN

4800. What's good price for TH-215 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: stevehan@yrkpa.kias.com
Message-ID: <4qvhva$7ra@ns2.ptd.net>
Source record: 198741

I plan on taking my Kenwood TH-215 to the next hamfest to sell. What's a fair price.

It has the following.

-Radio itself (not a scratch on it)
-radio case
-speaker mike
-2 well use standard battery packs
-unit still has manual and original box
-unit is fully open for TX/RX

Steve

4801. Help with FNB-10 Battery for Ft-23/33/73

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: ydtlzmj@news.atglab.bls.combst.bls.com
Message-ID: <4qvhuq$o0u@atglab10.atglab.bls.com>
Source record: 198742

Help! I bought a used FT-23. It worked fined, until I dropped
it on the asphalt. The battery broke open and shorted (grey smoke).
When I checked the battery, it had obviously been rigged.
Scotch tape, Sanyo Nicads and several very bad solders.

I need a hint at a schematic for the battery FNB-10, so that I
can put it back together.

I really like the FT-23, and I'd appreciate any help putting
it back in service.

Perhaps you have a dead battery for the 23/33/73 that you can take
apart, or maybe a working battery that you'd like to sell?

Thanks in advance,

Victor KF4BUX Gregg, 404-377-8870 victor.gregg@bstl.bls.com

4802. Re: help with making a clock

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: wermusic@initco.net
Message-ID: <4qvljs$qff@mercury.initco.net>
Source record: 198743

<RHASKE41@MAINE.MAINE.EDU> wrote:

>Hi. I'm looking for some help with a project. I'm trying to build a
>clock, and am looking for plans and a schematic for a 6-digit digital
>clock. I'd like to use standard 7-segment led units for the display,
>

I ECHO the comments about DIGI DEY one of the BEST sources!
however if you have access to a public library I might also suggest
looking in just about ANY electronics publication from the EARY 70's
CLOCK BUILDING articles seemed to really be invogue in that era.
some used a (then) BRAND NEW clock on a chip, and others were discrete
component types most all had the features and functions you mentioned.
FOR an extra extra large display I built one of the clock on a
chips kits and then added a few extra parts that DRIVES six inch long
flourescent tubes (like in camp lanterns) for each segment - - a CLOCK
with extra bright one foot display is GREAT for a "master" hamfest
clock - or many other GROUP uses.... just an idea....WHY STOP THERE -
have it drive (trigger) standard EIGHT FOOT tubes.... WOW ! just
think - place it on your roof so that people in AIRLINES could see
what time it was at "YOUR" house... I've always wanted to build one of
those just to see HOW FAR away you actually could get - but never ever
followed through with it... (sigh)...
have a good project building session

73
DE - N7NBB - CAMERON
wermusic@initco.net

4803. Re: Dual band mobile questions/opinions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: wermusic@initco.net
Message-ID: <4qvlk7$qff@mercury.initco.net>
Source record: 198744

kb2rmi@pop3.frontiernet.com (robbin decker) wrote:

>I want to buy a dual band mobile, however it seem that there are a lot
>of variables. so I am asking for opinions on what
>you find desirable with your rig, as well as dislikes and needless
>features,<<<

I know that there are as many opinions as there are users of this
group, but here are the FEATURES I look for most.
FIRST and foremost is the ability to function as a CROSS-BAND
repeater. I know you said you do not use your HT much, but perhaps
this is just what is needed to get you using it more. It is so very
convient to park your vehicle in the parking lot (or anywhere) punch a
few buttons and clip your HT to your belt. If you should need to get
in touch with someone (or they with you) you now have your 50 watt
mobile out in the open (more or less) rather than 5 watts at best
inside a building.

The other feature compliments the first and that is the ability to
control fuctions of the mobile from your handheld (POWER
channel/freq.) etc.

I know there are lots of those types that just HAVE to KNOW what is
going on on every machine for a two-hundered mile radius, but for MY
buck, I do not need LOADS of MEMORIES or SCAN features... heck unless
I intentionally GO to a different geographicla area I only need three
or four memories... It IS nice to have grouped memories if you travel
a lot so that you can lock out a whole group (area) easily when not
using them.

remotable radio/faceplate is a good feature with vehicle dashes
getting more and more crowded.

just a few ideas to think about..

73
DE - N7NBB - CAMERON
wermusic@initco.net

4804. Re: General comments on Ten-Tec Scout 555

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Brian Westfall <bw@mtwest.net>
Message-ID: <4qvm5p$job@lonepeak.vii.com>
Source record: 198745

I am considering buying the Scout and would like to here how people like the radio. Positive and negative comments would be greatly appreciated. I am interested primarily in CW operation but get on phone now and again.

Thanks
Brian Westfall
KA0KEV

4805. Antenna, Wanted to buy for use in the Philippines

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: pchua@arko.com
Message-ID: <4r01jt$r0c@dns.ktb.net>
Source record: 198746

Looking antenna used standing heavy-duty crank-up towers to handle
30 sq. ft. at 50 mph winds, i.e., models like of U.S. Tower Corp specs
below:

hgt hgt no. wt section od base
max min sec lbs top bottom size
HDX-572MDPL* 72' 22'8" 4 1600 15" 25-5/8" 4'x4'x8-1/6'
HDX-589mdpl* 89' 23'8" 5 2440 15" 30-5/8" 5'X5'X8-1/2'
HDX-689MDPL* 89' 23'8" 5 3450 18" 37-1/8" 5'x5'x9-1/2'

*Above model no. are for U.S. Tower Corp. but will consider different
manufacturer if similar specifications. Should include heavy-duty
motor drives with dual level wind and positive pull down.
MDLP models include fully operational limit switch packages.

Please contact:

PAUL CHUA
Tel. (818) 242-5921
FAX. (818) 242-4755

P.S.: e-mail address not fully operational! Try FAX me! 73!

4806. Standard Commercial UHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <Pine.GSO.3.94.960628021259.4715B-100000@zippy>
Source record: 198747

A friend of mine has a Standard UHF commercial radio, modem GX-3000 and he is wondering if it will cover the repeater portion of the UHF amateur band. If so, he'd like instructions or somewhere that I could find instructions for him.

Any information would be appreciated.

Thanks very much--
Ken

_____
Ken Harrison --- ken@cs.sonoma.edu --- Amateur Radio: N6MHG
~~~~~
| Visit the Sonoma County Radio Amateurs Web Page. |
| Home of Hank's Swap Shop! |
| |
| http://www.cs.sonoma.edu/~ken/scra.html |
_____
~~~~~

4807. FT-1000MP Advice please on 'fine-tuning' the menu programming for SSB DX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: John M Sonley <john@jmsknars.demon.co.uk>
Message-ID: <21s5rAAVU90xEwId@jmsknars.demon.co.uk>
Source record: 198748

I am seeking advice on what settings (0-1 to 8-9) to change from the default settings to optimise the rig's performance for SSB DX working, particularly for 20 and 80 metres

I have already received some guidance from my UK supplier which originated from Yaesu UK Limited which is helpful (thanks Chris) but I now seek other views

Any help that you can give would be greatly appreciated

Regards
John - G3XZV - QTHR (North Yorkshire, UK)
--
John M Sonley

4808. Re: Duplex distance on Kenwood TM-733

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Kirwin <kirwin@midusa.net>
Message-ID: <31D40354.1D6F@midusa.net>
Source record: 198749

Sorry I dont have their URL but just send
> webcrawler after it.

The URl is http://www.kenwood.net

Later
Michael

4809. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4r0qqk$n30@lehi.kuentos.guam.net>
Source record: 198750
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

croaker@access.digex.net (Francis A. Ney, Jr.) wrote:

>Then there are people like me who are a 'double asset,' with both a ham ticket
>and search and rescue certs...

Francis, what, prey tell, are 'search and rescue certs' ? Are those,
like, breath mints you eat while you're out in the woods looking for
lost people with your hound dawg, or what ? Do they keep the dawg
from loosing the sent because of your bad breath ?

Just curious. We have regular certs here, and the mint ones, but never
seen search and rescue certs in any of the stores. Course, most of
our rescues here involve the ocean, and it would be hard to eat breath
mints while you were scuba diving, so maybe that's why the never
caught on over here.

Hafa Adai,
Jim KH2D

4810. Re: six meter coaxial filter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: jgarver@ichips.intel.com
Message-ID: <4r0oei$l2f@news.jf.intel.com>
Source record: 198751

In article <4qrioe$s7q@ganesh.mc.ti.com>, Jim Flanders <jafl@msg.ti.com> wrote:
>Jim
> Have you thought of Helical filters? The RSGB book "VHF - UHF
>MANUAL"(1982) has an excellent description on page 3.7. You can also
>purchase them - see QST and 73 for ads.
>Jim W0oog/5

Yes, I have that excellent book. I also researched old issues of Ham Radio
and have had a lot of email about this, some of which I have included
at the end of this post with permission.
I solved the problem of my IC-706 intermod on 6 meters by
building a single 12" long by 2" wide coaxial cavity filter out of a
surplus dual cavity 170 Mhz setup. Although I measure a 2.5db loss it
completely cured the intermod and has a nice passband about 1 Mhz wide.
While the cavity is a little small for 6 meters, I made up for it with
additional capacitance. I can probably reduce the loss with better internal
connections and by tweaking the pickup loops. For now, I'm okay.
By transmitting through this thing, hopefully I am nicer to the neighbors
as well although I haven't had any complaints yet.

Other ways to cure intermod or front end overload on 6 meters:

What might help that would be a little less ambitious is an OLD
R.L.Drake TV-1000-LP lowpass filter made in the late '60s.
These had a 52 MHz cutoff frequency and lots of attenuation at TV
channel 2. Remember that Drake sold TR-6 transceivers and TC-6
transmitting convertors that made 100W of 6 meter output back then.

The B&W FL6/1500 is designed for low bands & six meters. Its cutoff is
around 54 Mhz,compared to the normal low pass filter which is 30 Mhz.

Another solution is to make a notch filter for 55.25 MHz to lower the
strength of the video carrier. Make one by using a Tee connector in
series with the antenna line. At the third port, connect a small value
capacitor in series with a nearly quarter-wave (@55.25 MHz) piece of
coax (the bigger, the higher the Q) shorted at the far end.
The closer the shorted section is to 1/4 wave and the smaller the
capacitor, the less "coupled" the "suck-out" will be and the narrower
the effective frequency range of the notch. Notch depth is less with
lower coupling, but is a strong function of the unloaded Q of the 1/4
wave line.
The notch resonator will always be less than 1/4 wave. How much less
is a function of how "hard" the resonator is coupled to the line.
Ideally the "small" capacitor would be totally enclosed by the outer
conductor of the coax resonator/Tee-junction combination. Maybe a small

hole in the outer conductor for fine-tuning a variable element.

coffee can helical resonator:
I just plugged the diameter and height of the coffee can into the charts and graphs and picked a close copper tube size for the center conductor. Its tuned with a small (50 pf?) ceramic-inulated variable and the coupling is with little copper tabs as probes. I doubt that it has any advantages over your coaxial cavity whatever except form factor.

... recently found an article out of HR 2/1980 by a friend of mine on converting surplus cavities from Fair Radio. Their # F-238/U is a very nice cavity tunable from 50-58.5. I'm sure they are sold out of the 2M units but these 6M may remain. The surplus series was labeled 417/GRC. As I recall Fair is in Lima OH and still around.

And then there is the coffee can coaxial cavity, which was posted on USENET about 4 years ago. I haven't got it now but would repost if needed.

Have fun,
Jim WA7LDV

--
jgarver@ichips.intel.com WA7LDV I don't speak for Intel

4811. Re: HR2510 10m tcvr repeater/split mod possible?/

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4r0qtm$oo@mksrv1.dseg.ti.com>
Source record: 198752

In article <31D07718.7B8E@nando.net>, wb4iuy@nando.net says...
>
>paul newman wrote:
>>
>> does anyone have any info on if/how/is it possible to add repeater
>> offset to this little rig? it has been suggested that a new eprom or
>> similar is available - if so any ideas on where to obtain it??
>> thank you
>> paul newman
>> vk8pn
>> pauln@ozemail.com.au
>Hi Paul. I think you can simply install a different tx mixer xtal on a
>switch. I think the stock tx mixer xtal is a 10.something mhz. Look into
>yours and let me know. I have a couple of spares left over from a recent
>10 meter conversion project, and may have what you need. The xtal change
>is a lot easier than pll mods.

Hey, guys, there is a mod floating around to do this, and I think I have
a copy in my files. I've made the mod several times to HR-2510s and it
works well. Contact me if you need a copy of the mod. I think it was
from 73 Magazine a few years back.

73 de KC5NG (d-hemphill@ti.com)

4812. Re: Battery Inserts, Good Source?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: d-hemphill@ti.com
Message-ID: <4r0r01$oo@mksrv1.dseg.ti.com>
Source record: 198753

In article <4qv0fk$4pl@newsbf02.news.aol.com>, n5off@aol.com says...
>
>Anyone know of a good source for battery pack rebuild inserts for Kenwood
>205 type of batt packs?
>

I buy my NiCd inserts from W & W Battery Tech in New York. Excellent
quality, friendly people, low prices. Look for their ads in QST.
73 de KC5NG

4813. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Dave Potter <Dave.Potter@guardian.brooks.af.mil>
Message-ID: <4r0u68$b1i@xenon.brooks.af.mil>
Source record: 198754
Cross-posted to: alt.ham-radio.vhf-uhf,alt.ham-radio.am,alt.ham-radio.fm,alt.ham-radio.ssb,rec.radio.amateur.dx,rec.radio.amateur
,rec.radio.amateur.antenna,rec.radio.amateur.equipment

Chrisv@valteck.com (Chris Valliant) wrote:
>
Here is what I am trying to do: to build a 1/2 wave
>diapole for the 28-29 mhz. I splice the coax, solder one end to a length
>of wire 8.2 feet and the other braided end to a length of wire the same
>size. I suspend both ends using insulated clamps between two tree's,
>making sure that the whole antenna is parallel to the ground and it's 8
>feet above the ground.

Chris -

I'm not an antenna expert, but I'd look at the following:

1) It's my understanding that if you just attach the center conductor
and shield to the two halves of the antenna directly, your feed line
will become part of the antenna, and it will radiate. Your transmitter
may be looking at an antenna a whole lot longer than just the two
8 foot sections. That would explain the high SWR. Better to get
a balun which has screw connectors for the two antenna pieces, and a
SO-239 connector for your feedline. I think a 1:1 balun would work,
but I could be wrong on that.

2) Height may be part of the problem. 8 feet high isn't much.

3) What do you mean "insulated clamps"? I'd get some insulators and
suspend the antenna by some rope or wire, tying the suspension wire to
one side of the insulator, and the antenna section to the other end of
the insulator. That's the way I've seen dipoles hung before.

4) Parallel to the ground isn't as critical as some of these other
things, I think.

5) Why 28-29 MHZ? The band's dead.

4814. Re: Old Motorola VHF??

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Skip Allison <"Allison-CFAD07 Skip"@EMAIL.MOT.COM>
Message-ID: <4r0v2e$spo@brokaw.comm.mot.com>
Source record: 198755

I can't tell you much about the radio without knowing a model number. Look on the back panel for a number that look something like L53xxx3000AM. If you can't find a model number look for a number like TUD1234 on the chassis. Or get the number on the channel elements (something like KXN1234 or TLN1234). Most 1973 vintage equipment was pretty easy to put on 2 meters - just re-crystal and re-tune. You can get crystals from International or Jan to put into the channel elements.
Skip
K9SA

4815. Hallicrafters HT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: ccart@mnsinc.com
Message-ID: <4r12v4$df7@news6.erols.com>
Source record: 198756

Is there anyone out there that can tell me how to wire up and old HT-40 to do AM. The front of the unit has a 1/4" jack for a key, the rear has four screw lugs labled 1 thru 4 and there is an audio connector for the mike. Past this I'm a bit lost.

One of the screw lugs is ground. I'd like to try this thing on 6M am if I can figure out what goes where. What type of mike will it need (hi/lo) are the crystals series resonant or parallel. There is a certain personal history that makes me want to attempt to put the rig back on the air.

Please respond to the group or one of the addresses below as I can't get the mail header in "tin" to be even close to my real address.

Thanks in advance, 73's

--
-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

4816. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <31D40D74.2DC7@juno.com>
Source record: 198757
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Jim Kehler wrote:
>
> Burt Fisher <k1oik@ccsnet.com> wrote:

> I'm sorry Burt. I'll try and get it right next time. A typical is
> different from atypical. I'll try and remember that........
>
> What kind of hams go to Dayton, Burt, would they be
> atypical hams or typical hams ??
>
> 73, Jim KH2D

Typical hams (boring,fat,white,old).

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu MAC is 5% of the market |
#=====================================================================#
```

4817. Re: Q: How to mesure 900MHz and 2.4GHz RF density?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: cef@hyperion.haystack.edu
Message-ID: <4r13ud$10a@senator-bedfellow.MIT.EDU>
Source record: 198758
Cross-posted to: rec.radio.scanner,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

You could use a RF radiation field servey meter that would give you mw/cmsq
The probes used for such meters are so broad banded that you would
have a difficult time determining which frequencies you are measuring.

The only way to get a good feel for the spectrum is with a spectrum analyzer.
You can connect an amplifier to your Yagi if the signals are low level.
You could build a spectrum analizer that would connect up to an o-scope but I
have never seen one that would extend above 1.2 without down conversion.

You would be much better off with a portable spectrum analyzer tektronics makes
a model 492P which retailed for ~ $12K US. Try a rental place or maybe Tucker
will rent/lease one for your measurements. They are on the WWW I don't have
the address handy. Use a search engine.

You would then need to calculate the free space attenuation of the signal level
you recieved and you could determine the approx tx output if you know the
distance from the emitter.

Chris

In article <Pine.SOL.3.91.960626121233.20229A-100000@smtp>,
georgiev@generation.net says...
>
>Hi everyone,
>
>I am interested of how to mesure current 902-916 MHz diapasone RF fiel
>d
>density and also 2.4 GHz diapasone density downtown Montreal in order
>to
>see if a wireless spread-spectrum data link in one of these wave range
>s
>could be used instead of cable link. Is there some (relatively)simple
>device (I will make it if possible), that I can use with yagi antenna
>to
>pinpoint where are located any emiters?
>
> Thanks in advance, George.
>
>--------- All opinions are my own, no company or org. ---------
>--------- should be linked with what is stated here. ---------
>George Georgiev georgiev@generation.net
> geogeo01@aircanada.ca
>

4818. IC-720 description?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: rosch@stow3.ogo.dec.com
Message-ID: <4r13i7$hdn@mrnews.mro.dec.com>
Source record: 198759

Can anyone provide me with a description of the IC-720? It's capabilities features, when production started/ended, nominal used price?

Any information much appreciated

4819. Re: Ten-Tec 2 to 6 Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <Pine.GSO.3.94.960628114914.12869B-100000@zippy>
Source record: 198760

On Thu, 27 Jun 1996, Jim Finney wrote:

> Has anyone used the TEN-TEC 1209 two to six meter transverter?
>
> I ordered one today and an looking forward to it's arrival.
>
> Opinions??

Hi Jim... Will be looking forward to your review!

Ken

____
Ken Harrison --- ken@cs.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
| Visit the Sonoma County Radio Amateurs Web Page. |
| Home of Hank's Swap Shop! |
| |
| http://www.cs.sonoma.edu/~ken/scra.html |
____
~~~~~~

4820. Re: looking for good AM-FM radio for car traveling across US

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4r1dqp$daa@news.interpath.net>
Source record: 198761

In article <DtHJE0.FL8@scn.org>, bb840@scn.org (James Aeschliman) wrote:
>In a previous article, vietti@ccnet.com (Vietti) says:
>>In a few weeks my family will be traveling across the western half of the
>>US as we have many times in the past. We love to listen to radio stations
>>wherever we travel but one disappointment is that we have trouble picking
>>up stations except when we are right in or near a city. Is there a brand
>>of radio or type of antenna that we should invest in that would be better
>>than what came in our van when we purchased it? When we talk to local
>>commercial car radio stores, they just want to sell us wonderful sound
>>systems with great speakers. We want receiving capabilities, not
>>woofers!! Any help will be appreciated. Thanks. barb
>I think the most important feature is either a "scan" or "seek"
>function, or both. This will allow the radio to tune to strong
>signals whereever you are. In most cases you won't know where to

I agree about the "seek and scan".
There is one other feature that might be considered... the ability to
manually switch to FM mono from FM Stereo. Usually, for quite a ways
after an FM station is too noisy to listen to in the stereo mode, it
will be quite listenable in monophonic or monaural mode. Though most
radios will say that they "automatically" switch from stereo to mono,
in real life the radio will keep switching back and forth with it's in
a fringe area, making the noise problem actualy WORSE.
Twenty years ago I went to special trouble to get a car radio
specifically advertised as a "DX FM", got an amplified antenna for the
car, etc. It wasn't worth it.

Another tip... carry some cassette tapes. Sometimes I just can't get
anything acceptable on the radio, so I punch in a cassette :-).
Having someone to talk to on the ham radio helps also.

========== Opinions expressed are solely those of the author =========
Curt Phillips, CEM KD4YU (ex-WB4LHI) | Motto of the
Chairman, Tarheel Scanner/SWL Group | Tarheel Scanner/SWL Group:
ARRL Life; QCWA; Raleigh ARS; NRA; AEE| #1) If it's expensive and
Energy/Recycling BBS 704-547-3114 | electronic, we like it.
== cphillips@interpath.com === [Copyright 1996 All rights reserved]===

4821. Re: FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2806961505190001@145.39.1.10>
Source record: 198762

In article <31D2898C.184E@ix.netcom.com>, N0XLF@ix.netcom.com wrote:

>
> Very interesting, but I think I'll pass :) Sounds somewhat expensive - Now
> here is where I get in to the interesting part on my end...I suppose that I
> could justify my cause in the following way (if it ever came down to it)...I
> work for a law enforcement agency and have a plethora of frequencies
> programmed in to my Icom D-100, with the capability to transmit on all of
> them...Now I know that there is the rule of "if in case of an
> emergency....anything goes...."... Technically, you could say that anything
> that I would ever have to communicate over that radio (which is in my
> personal vehicle) could be classified as an emergency...Wonder if that would
> fly? I've always wondered...

Probably not, since those situations are the "business" in which your
employer is regularly and routinely engaged. That is, it's normal message
traffic for the public safety radio services, not subject to any special
consideration as more important than other public safety communications.

One of the local hospitals here tried using that a few years ago to
justify sending in-house paging calls right over the conversations of
another local enterprise on a two-way business channel. According to the
local service shop folks, the hospital was warned after one of the other
channel occupants complained and promptly cited the next time an inspector
was in town checking broadcast stations.
--
Karl Beckman, P.E. < If our English language is so >
Motorola Private Data Systems < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
(847) 576-0992 / (216) 265-2092
** Opinions expressed here do NOT represent the views of Motorola Inc. **
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

4822. Hallicrafters HT-40

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Christopher J Cartwright - ELF <dsc3cjc@imc220.med.navy.mil>
Message-ID: <31D42CC3.2ECE@imc220.med.navy.mil>
Source record: 198763

Is there anyone out there that can tell me how to wire up and old HT-40 to do AM. The front of the unit has a 1/4" jack for a key, the rear has four screw lugs labled 1 thru 4 and there is an audio connector for the mike. Past this I'm a bit lost.

One of the screw lugs is ground. I'd like to try this thing on 6M am if I can figure out what goes where. What type of mike impedence will it need (hi/lo), are the crystals series resonant or parallel. There is a certain history that makes me want to attempt to put the rig back on the air.

Thanks in advance, 73's

-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV | fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil | red uniforms, oh damn!!
-- ccart@erols.com | -- Monty Python

4823. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: cphillips@interpath.com
Message-ID: <4r1f6n$daa@news.interpath.net>
Source record: 198863
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <4qr7fs$lep@lehi.kuentos.guam.net>,
pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

>Nope, nobody here makes radios, and the big three are all made
>in the same nation. Icom's HF receivers are far superior to Kenwoods,
>that's why all the big contesters use Kenwood. The deader your
>receiver, the less you hear the guy's transmitter who is sitting

Yep, that makes sense. All those big contesters want "deaf" radios
so they can't ear all of the weaker stations on the band, and on the
last day of the contest all they'll hear is the fellow big-guns they've
already worked.

Have YOU ever worked a contest, Jim? Perhaps not the contesters
you know, but all of the contesters *I* know want sensitive
receivers.

I judge brands on a radio-by-radio basis. I've owned Icom, Kenwood
and Yaesu HF rigs (as well as Drake, Heath, Hallicrafters and an
ATLAS, ARGHHHH!!!!!, you don't know junk, 'til you've owned an
Atlas) and Icom, Kenwood and Yaesu VHF rigs (as well as some
"wet-back", illegal alien-type imported rigs... remember Azden?)

There are good and bad radios in all of the brands.

========== Opinions expressed are solely those of the author ==========
Curt Phillips KD4YU (ex-WB4LHI) | Motto of the
Chairman, Tarheel Scanner/SWL Grp | Tarheel Scanner/SWL Group:
ARRL Life; QCWA; Raleigh ARS; NRA | #2) The more they don't want you to
Energy/Recycling BBS 704-547-3114 | listen, the more interesting it must be.
==== cphillips@interpath.com === [Copyright 1996 All rights reserved]======

4824. PC 4SALE P133MHZ

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: cono@hobbs.com
Message-ID: <8C363D6.00270046E4.uuout@hobbs.com>
Source record: 198864
Cross-posted to: nj.forsale,rec.radio.amateur.equipment

1.2gig HD, 16Meg EDO Ram, Mini Tower case, 1.44 Floppy, 4Speed CDROM, 16bit Sound Card, 300WATT Computer Speakers, 14.4 USR Sportster Int Fax Modem, Bus Mouse & 101 Keyboard, Win 95 and Microsoft Office Loaded.

With DELL UltraScan Digital 14"Monitor US$ 1300.00 Firm.
Without monitor US$ 1175.00

This is a used system. No reply's in this group Please!

Phone calls only!!!!!

201-440-6566

NO EMAIL PLEASE!

......ooooo0OOOOo http://www.intac.com/~cono
___,-----.----+_________#_ The Roy Hobbs BBS cono@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126

4825. Re: FT-530 Receive 800-900MHZ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: n1ist@netcom.com
Message-ID: <n1istDtowyu.FuF@netcom.com>
Source record: 198865

In article <m0uZIZD-0000hoC@pubs15.si.com> jean@pubs15.si.COM (Richard G. Jean Jr.)
writes:
-Can a FT-530 really receive 800-900MHZ after the mod???? A friend of mine has
-done the mod, but complains that it only "scans thru"; and receives NOTHING..

That depends on the age of the radio. Those made before the ban can pick
up 800-900 rather well. Those made after the ban are missing the 800MHz
IF, so they won't be able to pick it up at all...
/mike
--
\|/ Michael L. Ardai N1IST n1ist@netcom.com \|/
-*- === Boston Amateur Radio Club: http://www.barc.org/barc === -*-
/|\ or send "info barc-list" to listserv@netcom.com /|\

4826. Antenna Hole Saws

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: tomms@mnsinc.com
Message-ID: <4r1blq$2k1@news1.mnsinc.com>
Source record: 198866

If anyone is interested, I found a source for hole saws especially made for antenna holes. They are setup to only cut 1/8" deep and they also remove just the right amount of paint to ensure a good ground. Please let me know if there is interest and I will give out the information. Send EMAIL please to tomms@mnsinc.com

This is only informational. I have no interest in the company that sells them.

Tom NY4I

4827. FT-50 Noisy TX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: David De Coons <rocket@intercall.com>
Message-ID: <01bb653b.5f135940$af194dcf@aa2as>
Source record: 198867

I had a problem with my FT-50R with a crackling noise during tx. I took the radio apart (pretty easy) and found two possible culprits.

One, the screws holding the two PC boards together were loose, possibly causing a poor connection between the boards.

Second, and probably the real problem. They use a spring loaded pin on the center of the chassis mounted SMA connector that contacts a metal tab sticking out of the RF board. The SMA connector is does not flex as it does on the FT-40. I soldered the pin to the tab.

The radio now works without the noise on Tx.

--
David De Coons, KE2SL
rocket@intercall.com

4828. Found ICOM IC-2350H bug. Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Bill Stewart <stewart@peganet.com>
Message-ID: <31D45F2B.1358@peganet.com>
Source record: 198868

I have found a bug in ICOM's IC-2350H dual band radio.

While transmitting, the subband receive opens up. It comes through the speaker quite plainly, and in fact is heard through the mic while I'm talking, thus re-transmitting whoever is talking on the subband without their knowledge.

Subband mute functions for both bands are on, and they do mute during receive. This problem appears only during transmit.

ICOM does not offer direct technical support. Their web page refers you to your dealer. My dealer says there is no way to solve this problem. I think it is a programming bug, and wonder if the FCC caught this when they gave it type acceptance.

For now, the only way around the problem is to turn the volume down on the subband manually when you decide to rag chew. Then you have to remember to turn it back up when done or you're no longer scanning and listening to the subband and you don't know it. That's a load of horse hockey, and v-e-r-y poor engineering.

Anybody got a suggestion or a mod around this ?

Thanks,
Bill Stewart, N4CRO
stewart@peganet.com

4829. Re: digitalker

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: <>, <>
Message-ID: <NEWTNews.4496.835971341.hadley@arva.com>
Source record: 198869

In article <4qum7c$sa8@hpcvsnz.cv.hp.com>, <dubner@spk.hp.com> writes:
> Path:
news.halcyon.com!nwnews.wa.com!news.sprintlink.net!news-stk-3.sprintlink.net!new
s.sprintlink.net!new-news.sprintlink.net!tezcat.com!netaxs.com!hunter.premier.ne
t!newsfeed.internetmci.com!swrinde!sdd.hp.com!hp-pcd!hpcvsnz.cv.hp.com!dubner
> From: dubner@spk.hp.com (Joe Dubner)
> Newsgroups: rec.radio.amateur.equipment
> Subject: Re: digitalker
> Date: 27 Jun 1996 19:08:28 GMT
> Organization: Hewlett-Packard, Spokane Division
> Lines: 19
> Message-ID: <4qum7c$sa8@hpcvsnz.cv.hp.com>
> References: <sam.6.02AB1265@erinet.com>
> NNTP-Posting-Host: hpspk7dr.spk.hp.com
> X-Newsreader: TIN [version 1.2 PL2.2]
>
> the sailor man (sam@erinet.com) wrote:
> : Does anyone have any information for obtaining a digitalker, or
> : some other
> : voice synthesizer easiliy modified for a blind ham friend of mine ?
>
> I've been pleased with the V8600 Speech Synthesizer from RC Systems
> (1609 England Avenue, Everett, WA 98203, telephone (206) 355-3800). It
> requires +5V power, a speaker, and an interface to RS-232 serial (a
> transistor and resistor) if desired. It has built-in software
> (firmware, actually) that converts text to speech but can also do other
> things, such as generate DTMF. Hours-and-hours of fun for hams of all
> ages for ~$150.
>
> Note that this is not an endorsement by the organization in my e-mail
> address; this is K7JD speaking.
>
> 73,
> Joe, K7JD
> dubner@spk.hp.com
>
Joe,
You might check with AEA and see if they have any left. I designed the
DigiTalker frequency counter at ARE. ARE was bougth by AEA. They never did much
with that product.

Good Luck
Hadley, K7MLR

4830. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: gearloos@pacbell.net
Message-ID: <4r1ri7$g81@news.snfc21.pacbell.net>
Source record: 198870

In article <4qnjo4$e4q@harbour.awod.com>, glittle@awod.com says...
>
>In article <4qgvr9$5cc@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net
(Jim Kehler) says:
>>
>>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>
>>>>Jim, does bowling, or stamp collecting, or bird watching, or water
>>>>skiing provide a living for the people who engage in those activities?
>>>>Where did you get the idea that ham radio was or is a career move ?
>>>>Last time I looked, it was a hobby.
>>>>
>>>>73, Jim KH2D

What the HELL does this have to do with "Equipment"
You know I am so sick and tired of seeing you poor souls with no forum to vent
your hostilities.
Can't we have any group out here at all that is shielded from you constant
bitching?
Why don't you guys grow up and go to "MISC" and play nice with all the other
kids.
Every thread you same people respond to ends up this way...Pathetic!
Kevin

4831. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: tgreen@jbic.com
Message-ID: <31d3cbdb.1381467@news.oar.net>
Source record: 198871
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Burt Fisher <k1oik@ccsnet.com> wrote:

>
>For everyone of the above I can cite 10,00 lazy ass butts on the easy
>ham radio chair.
>
>In every barrel of rotten hams there is a good one.
>
>

Why are you here Burt? If you despise the ham hobby and ham operators
sooo much, why are you here?
--

T. Greening

All of the above IS my opinion..
DOES reflect the views of my company..
AND is also the opinion of everyone in my family tree..

So sue me....
:)

4832. FS: TNC, MFJ 1278B MultiMode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: vannuysd@sonoma.edu
Message-ID: <vannuysd-2806961623480001@xyp6_port2.sonoma.edu>
Source record: 198872
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Like new! Lo-miles MFJ 1278B multimode TNC with multi-gray level modem.
Includes manuals and software (Mac and IBM). $180 plus shipping.

David

--
David Van Nuys, Ph. D. http://www.sonoma.edu/psychology
Chair, Psychology Dept. ham radio callsign: AB6XR
Sonoma State University voice/fax (707) 585-7363
vannuysd@sonoma.edu

4833. Re: WANTED: Mods for IC-W31A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Dave Booth kc6wfs <booth@pactitle.com>
Message-ID: <31D48F6F.41C6@pactitle.com>
Source record: 198873
Body handling: Inline uuencoded payload not displayed: ICOM.GIF

Brent Madson wrote:
>
> If anyone has the mods for the IC-W31A dual band HT,
> would appreciate if you could post in news group
> or E-Mail them to bmadson@nova.org
>
> Thanks in advance from KB7NBZ

here is 1 i got...
http://www.geocities.com/Hollywood/5860
--
Dave Booth

From - Fri Jun 21 21:11:51 1996
Path: nntp.crl.com!pacbell.com!ames!news.larc.nasa.gov!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!newsfeed.internetmci.com!news.kei.com!news.texas.net!nntp.primenet.com!news.fibr.net!news.sprintlink.net!news-fw-6.sprintlink.net!wellspring.us.dg.com!dg-rtp.dg.com!smoke
From: mead@dg.com (Glenn Mead)
Newsgroups: rec.radio.amateur.equipment
Subject: Re: NEED IC-W31A Mods
Date: Thu, 20 Jun 96 14:18:32 GMT
Organization: Data General Corporation
Lines: 545
Message-ID: <4qbmio$om9@dg-rtp.dg.com>
References: <4p7g5g$chn@frazier.uoknor.edu> <31B85464.37B8@southwind.net>
<31bece8c.5122849@news.icanect.net> <4prqu8$gko@brokaw.comm.mot.com>
<4q9pla$p2p@news.clinet.fi>
NNTP-Posting-Host: smoke.rtp.dg.com

In article <4q9pla$p2p@news.clinet.fi>, markovl@vsonic.fi (Mark) wrote:
>Skip Allison <Allison-CFAD07 Skip@EMAIL.MOT.COM> wrote:
>>....
>>. I bought an Icom
>>IC-W31A. It does simul VHF/UHF , VHF/VHF , UHF/UHF receive. I receives
>>all over the place - 100-180 VHF 300-800 UHF and is modifyable for
>>800-999 receive. So far I'm satisfied with it. It was just over your $
>>limit ($380 with tax at Dayton). By the way, I liked the Yaesu FT51,
>>but it doesn't look like it can be modified for 800-900 receive (I like
>>to listen to the local PDs on 800).
>
>>Skip
>>K9SA
>

>>btw, the Alinco DJ580 has been out of production for a couple years.
>
> I just bought a new IC-W31E, its almost same as W31A model,
> but E = European version...
>I have no any info for modify RX to 800-999 Mhz.
>please if possible send to me some informations about
>W31A RX modifications.
>73 Marko OI2LMK / OH2LMK

uuencoded GIF image of 800 mod for W31A. Not a very good image, but if you are capable of doing the mod, you should be able to figure it out. This mod should not be used on radios used in the US as it enables cell receive and opens up transmit a bunch.

-------------------------cut---
<---- Begin Attached File ---->

[Inline uuencoded payload not displayed: ICOM.GIF]

<---- End Attached File ---->

l

.---.
Glenn Mead	KE4ZEA	
Data General Corp.	e-mail mead@dg.com	Without challenge there
62 Alexander Dr.	voice 919/248-6029	is no chance to excel.
RTP, NC 27709	fax 919/248-6108	
packet KE4ZEA@KB4WGA.#DUR.NC.USA.NOAM
`---'

4834. Yaesu FT-50R CAP mod

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <31D481EA.6B62@swcp.com>
Source record: 198874

Does anyone have the CAP mod for the FT-50R? Please e-mail.

Thanks,
John

4835. Re: FT-50r info request

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Jerry Hogsett <jerry@hogsett.com>
Message-ID: <31D46668.29A@hogsett.com>
Source record: 198875

waltm@loa.com wrote:
>
> Hello
>
> I'm looking for info on any ft-50r mods for rx or other (what can be
> done and how) or any opinions on this or other wideband rx ht, as I
> have yet to purchase one. Any suggestions?
> 73 and thanks in advance...
>
> Wally
> waltm@loa.com

There are two mods I know about:

1) While using the ADMS-1c software to program the radio, pull the programming cord out. This puts the radio in (what I think must be) Japanese mode
remove 800MHz restrictions, and opening up a 222-299 band (which probably doesn't have circuitry behind it). You'll have to reprogram the memories,
and you might have to reset the radio and enable extended RX. Of course in Japan, the ham bands are 144-146 and 430-440 so if you want to *transmit*
here you'll need mod #2:

2) Remove the keypad. Desolder the solder pad labeled "1" (next to "2" and "3", which aren't soldered). This removes TX restrictions. I don't know how
wide it goes, but it turns the light red over the whole range from about 136-200 and 400-499. You also might have to do the resetting thing as above.

--
["That's just my opinion. I could be wrong" - Dennis Miller
[
[Jerry Hogsett N6CCM (home) jerry@hogsett.com
[POB 636 RWC CA 94064 (work) jhogs@micrografx.com
[(500)-G-HOGSETT http://www.hogsett.com

4836. Re: Found ICOM IC-2350H bug. Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <31D4A416.1927@cs.sonoma.edu>
Source record: 198876

Bill Stewart wrote:
>
> I have found a bug in ICOM's IC-2350H dual band radio.
>
> While transmitting, the subband receive opens up. It comes through the
> speaker quite plainly, and in fact is heard through the mic while I'm
> talking, thus re-transmitting whoever is talking on the subband without
> their knowledge.
> I think it is a programming bug, and wonder if the FCC caught this when
> they gave it type acceptance.

Hi Bill. What a pain. I'm glad I read about this before I shelled out
the bucks. It really is no different than my dual band HT, though.

I have a question, though. Why do you feel that the FCC should have
caught this during their type acceptance of it? It is a problem that
affects only convenience, it doesn't make it transmit harmonics out of
band or the like. As I understand type acceptance, it is to ensure that
the radio transmits with legal specs -- i.e. deviation, harmonic
suppression, etc...

73,
Ken
N6MHG
Sonoma County Radio Amateurs: http://www.cs.sonoma.edu/~ken/scra.html

4837. TWT Question

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: "Michael E. Pinault" <mikepi@ior.com>
Message-ID: <31D4C7C7.181@ior.com>
Source record: 198877

I need help finding a power supply or technical information on a TWT.
It is a Thomson-CSF TH 3631W 10.7-11.7Ghz. I am trying to find a power
supply or docs to build one. The power supply may be a TH 22631???
Any help would be graciously appreciated 73 Mike

4838. Re: IC-706 in Grand Cherokee

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: rtm@netgate.net
Message-ID: <rtm-2806962215090001@d52.netgate.net>
Source record: 198878

In article <lwjames-2706962145540001@news-2.csn.net>, lwjames@csn.net (Dr. Lawrence W. James) wrote:

> Has anyone successfully installed an Icom IC-706 in a Jeep Grand Cherokee?
> If so, where did you mount the main unit?
>
> Thanks,
>
> KG0GB

Mine hasn't arrived (yet), but here are my thoughts- ('96 laredo)

1. put the main unit back by the spare tire. The full size spare sits at an angle, and it looks like there's close to enough space underneath the spare.

2. with the upgraded sound system, their power amp is sitting in prime territory underneath the left (rear) passenger seat. If I move the jack (from beneath the right passenger seat), I can either put the main unit there, or move the audio p.a. there and put the 706 main unit under the left passenger seat. The jack seems to want to be with the spare.

3. just put the main unit in front of the spare tire, sitting vertically, between the spare and the rear seat (but I've already pulled out the spare once to deliver a refrigerator).

I definitely want to stay away from the front right corner of the passenger compartment- away from the brains.

I think I'm going to end up moving the audio p.a.- I also have an IC-901, which is currently sitting on the floor behind the driver's seat. With the 706, the 6m module becomes somewhat redundant, so the 901 package can get about 1" shorter. Another possibility form the audio p.a. is to move it underneath one of the front seats (not recommended, I know, as it could interfere with running the seat positions to their extremes. But, the audio p.a. shouldn't generate much rf!

I made a simple plywood shelf/cover that sits over the 901 and has the floor mat on top of it, so it sort of blends in (and lets my 3 year old climb into her seat without having to step on the 901). In a pinch this technique could handle both the 901 and the 706.

73-

--

Bob Martin N6MZV * rtm@netgate.net

4839. Re: Yaesu FT101E Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Dennis <N1KCL@aeronet.net>
Message-ID: <31D3E5EC.5D57@aeronet.net>
Source record: 198879

Terry Macham wrote:
>
> I am looking for some basic information on this transceiver. Is it
> solid state or tubes? What is the output power? When was it built?
> Etc.
>
> --
> Terry Macham | A musicologist is a man who can read |
> trmach@cyberlink.bc.ca | music but can't hear it. |
> Kimberley, BC, Canada | |
> -- Sir Thomas Beecham ------------
Built 70s 100w out tube driver + finals.

4840. Restringing stainless steel cable in KWM-2A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: RG Leiden <leider@rpi.edu>
Message-ID: <31D48C6D.6E45@rpi.edu>
Source record: 198880

I have a KWM-2A with the cable "unstrung" between the bandswitch and a shaft entering the PA compartment. Can anyone help me with instructions to restring the cable with the shaft into the PA compartment repositioned properly and the cable restrung properly?

4841. Re: CW cannot not die...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: Bob Lewis <rlewis@staffnet.com>
Message-ID: <31D3BBDF.3B57@staffnet.com>
Source record: 198881
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Madjid VE2GMI wrote:
>
> Cecil Moore wrote:
> >
> > Maccabeus <maccabeus@gatecoms.gatecom.com> wrote:
> >
> > : CW has a major advantage over phone. It can get thru where voice can
> > : not. ESPECIALLY for emergency communications.
> >
> > Hi Phillip, maybe you could share this extremely enlightened knowledge
> > with the military who would love to have a mode with those characteristics.
>
> If the military are dumb, does mean we have to be. As for the truth of
> that, I hear that elite units are still using CW as the most reliable
> comms and that many units are REINTRODUCING CW training. :):)
>
> If you saw that movie on the guys who crashed in ALERT North Pole you
> saw that they had to ressort to CW type communication to talk to the
> search party because their battery was frozen (That was not fiction).
>
> --
> Madjid BOUKRI, VE2GMI Internet: orion@odyssee.net

I seem to remember stories by some of our POW's about how they
communicated by tapping out CW on the side of the cell. Perhaps they
will be given lap-tops and internet accounts in the future, since no one
will know CW any longer?

4842. Parts or info on Sniperscope

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-28 00:00:00 UTC
From: windhorn@ic.mankato.mn.us
Message-ID: <4r10ad$o38@Oak.IC.Mankato.MN.US>
Source record: 198882
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.equipment,sci.electronics.equipment,sci.electronics.misc

A friend of mine bought a Korean War vintage Sniperscope (P.O.#27-43200-03, dated 6/23/51) at a garage sale. It is missing the power pack which supplies 20kV for the image tube and some lower control voltages. It uses the newer image tube, the number of which I have forgotten.

I am trying to help him find (1) a manual, schematic, or any other information on this piece of equipment, and (2) a power pack, or plans for one, or at least specifications so we can design one ourselves. Any assistance will be greatly appreciated.

I will try to monitor these groups, but if you can copy me by email also it will help. Thanks very much.

Allen

Allen Windhorn
Kato Engineering
(A Rockwell Automation Company)
P.O. Box 8447
N. Mankato, MN 56002-8447

4843. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <31D5B14B.7BA8@juno.com>
Source record: 198664
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

```
lawdude wrote:
>
> I know how come burt has been so successful w/ the ladies. His
> singles bar pickup line there in the swamps of Mass is, "Nice tooth!"

Please do not confuse me, with your life style.

#===============#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | Mr. Happy should not be happy all the time. |
#===============#=========================================================#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#=========================================================================#
```

4844. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Jay Matthiessen <monster@acmenet.net>
Message-ID: <31D5B1AF.336E@acmenet.net>
Source record: 198665

gearloos wrote:
>
> In article <4qnjo4$e4q@harbour.awod.com>, glittle@awod.com says...
> >
> >In article <4qgvr9$5cc@lehi.kuentos.guam.net>, pacrimgolf@kuentos.guam.net
> (Jim Kehler) says:
> >>
> >>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> >>
> >>>>Jim, does bowling, or stamp collecting, or bird watching, or water
> >>>>skiing provide a living for the people who engage in those activities?
> >>>>Where did you get the idea that ham radio was or is a career move ?
> >>>>Last time I looked, it was a hobby.
> >>>>
> >>>>73, Jim KH2D
>
> What the HELL does this have to do with "Equipment"
> You know I am so sick and tired of seeing you poor souls with no forum to vent
> your hostilities.
> Can't we have any group out here at all that is shielded from you constant
> bitching?
> Why don't you guys grow up and go to "MISC" and play nice with all the other
> kids.
> Every thread you same people respond to ends up this way...Pathetic!
> KevinAMEN!!!!

4845. Re: FT50 v. 508a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: timh@xetron.com
Message-ID: <DtsBt3.EBp@xetron.com>
Source record: 198666

The Left pot is UHF and the Middle pot is VHF. Turn Counter Clockwise
to increase the deviation.

In article <4qp3qk$189c@quake.garlic.com>, childers@garlic.com says...
> My second gripe about the 50 is that some people have complained
>about the Tx audio being low. I've a fix, however. If the battery
>is taken off and the NiCd sticker removed, you expose the VHF and
>UHF deviation adjustments. The leftmost pot is the VHF, and the
>middle pot is UHF. DONT TOUCH THE RIGHT POT! That controls the PL
>tone frequencies! All I've done to my 50 is to twist both VHF and
>UHF pots about 1/8 turn clockwise, and my Tx audio problems are a
>thing of the past.
>
>Bill Childers
>KE6VVW

4846. YAESU FT-40 4SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: cono@hobbs.com
Message-ID: <8C372EC.0027004716.uuout@hobbs.com>
Source record: 198667
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

```
================================================================================

I have a Yeasu FT-40 w/ extra FNB-41 9.6V 600mAh Battery, NC-50 Rapid Charger,
wall charger, Computer interface, and Software. Everything works in great shape
if your local to Bergen County NJ i'll be glad to have you see it.

All this is worth alot more then what im asking!

First US$400.00 takes it. call 201.440.6566 N2UTO

================================================================================

......ooooo0OOOOo http://www.intac.com/~cono
___,-----.----+_________#_ The Roy Hobbs BBS cono@hobbs.com
|________| |__|__________} Node 1: 201-641-7307
ooooo oo ~ ooO-O-O-O == oo\ Node 2: 201-641-3126
```

4847. Opinion on new Yaesu Ft-8000 dual band

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Simon Cheung <skcheung@deepcove.com>
Message-ID: <31D620B3.45FD@deepcove.com>
Source record: 198668

A brand new dual band mobile from Yaesu FT-8000 with features like
super wide band rec (110-550 750-1300 MHZ), Smart Search, same band
dual receive, voltage display etc. Looks very tempting at around
$570.-
Has anyone got some hands-on experience of this radio already that can
share with us? Please post here or E-mail. Thanks very much.

4848. Question KWD TS-820S 2M/6M

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: PSS
Message-ID: <4r41o7$ncu@doc.zippo.com>
Source record: 198669

Can additions be made to or modification be made to a Kenwood TS-820S so it will operate on 2 and 6 meters? If so, where can I obtain the info. Thanks. Send responses to petsits@surf.galacticis.com

4849. QSLs On The Web

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Fred Doob <fdoob@solder-it.com>
Message-ID: <31D5FBBF.35E8@solder-it.com>
Source record: 198670

Send your QSL Card, SWL Card, or Shack Picture to:

QSLs On The Web
Solder-It Co.
PO Box 20100
Cleveland, OH 44120-0100

We post your cards at http://www.solder-it.com and each month GIVE AWAY a Micro-Jet Torch to the owner of the card receiving the most votes. We even pay for shipping worldwide.

Please write your e-mail address on the back of your card with your permission to post.

73,

Fred, AA8FQ

4850. manual for 2m kdk, fm2033

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: n3vqv <n3vqv@prolog.net>
Message-ID: <4r3pqf$1g7@news2.ptd.net>
Source record: 198671

a freind of mine needs the users manual for this dinosaure, does any body know of anything? the company has been out of business for some time, there is a button for tone, pl? he cant get a pl,tone to work, is it capable? does anybody know were to get a copy of the manual? maybe a site on the net? Jim Barnhart N3VVN TNX

4851. FS: FLUKE DMM'S -- 1/2 PRICE (USED / WARRANTIED)

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: rhys@ix.netcom.com
Message-ID: <4r9rkc$m2t@dfw-ixnews2.ix.netcom.com>
Source record: 198672

Why settle for something less accurate or durable? All meters are
warrantied to work well and to meet specs same as new. Prices vary
according to cosmetic conditions, but all are at least good most
excellent condition.

model 77.................$75--$80
75.................$75.
79.............. $85 - incl. Hz & Cap.

add shipping from the Wash. D.C. area (approx. $5)

Larry Wolken 202-291-9303
Dr. Electrode a.k.a. Larry Wolken a.k.a. N3OJD
Syntax@tmn.com

4852. Lithium battery for Kenwood HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Chris Davis <cdavis@ptel.net>
Message-ID: <01bb65ba.1a43e440$0f5c09ce@chris>
Source record: 198673

Does anyone know where I could get a replacement lithium battery for my
Kenwood TR-2600A HT? It's the internal battery for memory backup. THX.

KB0WWP
--
<><--><>
Chris Davis KB0WWP
cdavis@ptel.net
Asst. Engineer KJLY - Christian Radio
Blue Earth, MN
<><--><>

4853. Trade Alpha for Yeasu 736

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: ka1kla <ka1kla@ici.net>
Message-ID: <4r1vun$234@bashir.ici.net>
Source record: 198674

I have a Alpha 76A full power and in perfect cond.I'm looking for a Yaesu 736
or ft 767. pick up only,or meet you half way.name is Dick,KA1KLA in New Bedford,Ma.

4854. Want Clegg FM28

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: kb2rmi@pop3.frontiernet.com
Message-ID: <4r1iqq$k88@cheatum.frontiernet.net>
Source record: 198883
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

One of the local fellows would like to find another Clegg either for parts or a working rig. His has an intermittent audio IC, or so we guess. Gotta be cheap! Email replies only, 73

4855. Re: Found ICOM IC-2350H bug. Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: dmk@n2rdt.corp.sgi.com
Message-ID: <4r1s45$787@murrow.corp.sgi.com>
Source record: 198884

I've gotten tech support from ICOM by calling 1 206 454 7619.

73,

--

dmk
dmk@sgi.com N2RDT
David M. Katinsky Systems Administrator/SGI

4856. Re: Found ICOM IC-2350H bug. Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: jimf@zoinks.corp.sgi.com
Message-ID: <4r1sn1$700@murrow.corp.sgi.com>
Source record: 198885

Bill,

Yes this is very annoying and I have not found a way around this. You have not missed anything that I haven't so at least there are two of us that have this problem. This is one reason why I'm eargerly awaiting my sevice manual for the rig from Icom. I'm glad I didn't hold my breath, since I've been waiting since December of last year. But hey, I waited since Nov 95 for the Z1A serv manual and it arrived yesterday. So maybe the 2350H one will come soon too!

If I can find a program/hardware mod in those manuals I'll let you know.

Jim
KF6AGJ

In article <31D45F2B.1358@peganet.com>, Bill Stewart <stewart@peganet.com> writes:
|> I have found a bug in ICOM's IC-2350H dual band radio.
|>
|> While transmitting, the subband receive opens up. It comes through the
|> speaker quite plainly, and in fact is heard through the mic while I'm
|> talking, thus re-transmitting whoever is talking on the subband without
|> their knowledge.
|>
|> Subband mute functions for both bands are on, and they do mute during
|> receive. This problem appears only during transmit.
|>
|> ICOM does not offer direct technical support. Their web page refers you
|> to your dealer. My dealer says there is no way to solve this problem.
|> I think it is a programming bug, and wonder if the FCC caught this when
|> they gave it type acceptance.
|>
|> For now, the only way around the problem is to turn the volume down on
|> the subband manually when you decide to rag chew. Then you have to
|> remember to turn it back up when done or you're no longer scanning and
|> listening to the subband and you don't know it. That's a load of horse
|> hockey, and v-e-r-y poor engineering.
|>
|> Anybody got a suggestion or a mod around this ?
|>
|> Thanks,
|> Bill Stewart, N4CRO
|> stewart@peganet.com

4857. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <31d48d40.8581739@news.syspac.com>
Source record: 198886
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:

>Burt Fisher <k1oik@ccsnet.com> wrote:
>
>>Oh, then you are a typical ham.
>
>Thanks, Burt. I think so. But Gary doesn't. If you think so, I guess
>that makes the vote 2 to 1 so far. We'll have to wait until some more
>votes come in and see what the results are.
>
>73, Jim KH2D
>
>

I know how come burt has been so successful w/ the ladies. His
singles bar pickup line there in the swamps of Mass is, "Nice tooth!"

C. Dean Norris
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com
The leading cause of death is birth.
http://www.syspac.com/~dnorris/

4858. Re: FT-530 Receive 800-900MHZ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <4r2790$noo@sjx-ixn2.ix.netcom.com>
Source record: 198887

In article <m0uZIZD-0000hoC@pubs15.si.com>, jean@pubs15.si.COM says...
>
>Hello All,
>
>Can a FT-530 really receive 800-900MHZ after the mod???? A friend of mine has
>done the mod, but complains that it only "scans thru"; and receives
NOTHING.....
>
>Has anyone received anything in the 860-900MHZ portion of the band????
>
>THANX IN ADVANCE!!!
>Rich

Rich, A friend brought a modified 530 to field day, another friend had a 800
meg scanner, the modified 530 copied the same thing the 800 meg scanner did, so
it does work..

Don

4859. Retuning a Kenwood TM731A

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: n9jig@TheRamp.net
Message-ID: <n9jig-2906960027290001@mund-ip-4.theramp.net>
Source record: 198888

I would like to retune my Kenwood TM731A to receive from 440 to 480 MHz. It currently will receive from 400 to 455 MHz, but will display up to 499 MHz. Is there a way to move the window up? My agency uses freqs in the 470-476 range, and I'd like to monitor them in the sub-band...

BTW, I found that it will transmit (into a dummy load of course...) 400 to about 468 MHz. While I really don't care if it will transmit any higher, it would be interesting to see if the same retuning affects this.

--
Rich Carlson, N9JIG (n9jig@TheRamp.Net)

ScannerMaster Illinois Communications Guide (800) 722-6701

CARMA (Chicago Area Radio Monitoring Association) BBS (708) 852-1292
PO Box 2681, Glenview IL 60025 SASE for sample newsletter.

4860. Re: Any comments on SGC?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: drgrant@zipnet.net
Message-ID: <31d4c685.14676946@news.zipnet.net>
Source record: 198889

On Sat, 22 Jun 1996 21:15:53 -0400, "Robert W. Lewis" <rlewis@staffnet.com>
wrote:

:Chris Dorn wrote:
:>
:> Hi,
:> Came across the SGC webpage, have seen their ad in QST, and am
:> wondering about their products. Whenever Hams talk about American made
:> amateur products, Ten Tec is the name usually mentioned. I haven't really
:> seen any comments on the SGC transceivers. Curious to know if any folks
:> out there have had any experiences with SGC. Looks like quality gear.
:> Chris VE6RDC
:
:I use their automatic antenna tuner. Works great. Great service from
:SGC too.
:

Yeah, the smartuner (SGC-530) is probably the best product they make. Will tune
a piece of wire to any band..... literally!

4861. Re: New Mods for FT-50R, extends T-band TX, 220 TX and Cell-band RX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: atla0001@umn.edu
Message-ID: <4r2lji$6r3@epx.cis.umn.edu>
Source record: 198890

Does anyone have any futher information about the Tx/Rx extending
referred to below?

Can the below mod be done by hardware? Can it be done with the
software?

I have the out of band Tx mod; specifically looking for the mod listed
below (or similar).

Thank you. Howard

felix@netwizards.net (Steve Foster) wrote:

>DOES ANYONE OUT THERE HAVE ACCESS TO THE NEW SOFTWARE FROM ENGLAND. I
>AM NOT SPEAKING OF THE SOFTWARE THAT YEASU IS RELEASING IN MAY/JUNE
>1996 .. THEIR IS A DIFFERENT SOFTWARE THAT WHEN INTERFACED WITH THE
>FT-50R WILL EXTEND THE TRANSMIT IN THE 220 HAM AREA, T-BAND 480 TO
>512MHZ AND OPEN THE COMPLETE CELL PHONE RANGE FOR RECEIVE ONLY (OF
>COURSE). IT IS OUT THERE!!! A COUPLE PEOPLE I KNOW HAVE THE SOFTWARE
>BUT, AREN'T WILLING TO RELEASE IT. ALSO, I AM NOT TALKING ABOUT THE
>MODIFICATION THAT CAN BE DONE BY REMOVING THE SOLDIER FROM THE PAD
>UNDER THE DTMF PAD.. THIS IS DIFFERENT...

>PLEASE EMAIL ME IF YOU KNOW ABOUT IT AND HOW I CAN GET IT!!!!

>FELIX@NETWIZARDS.NET

4862. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <4r2gfk$hmc@bashir.peak.org>
Source record: 198891
Cross-posted to: alt.ham-radio.vhf-uhf,alt.ham-radio.am,alt.ham-radio.fm,alt.ham-radio.ssb,rec.radio.amateur.dx,rec.radio.amateur
,rec.radio.amateur.antenna,rec.radio.amateur.equipment

Dave Potter (Dave.Potter@guardian.brooks.af.mil) wrote:

: 5) Why 28-29 MHZ? The band's dead.

It is not dead, by a long shot. The openings are a lot rarer, but around
the world contacts are still possible. It is rather nice, as there are so
few people on the band - little qrm or competition for contacts.

Bill

4863. Re: FT-530 Receive 800-900MHZ????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4r357h$gdo@shore.shore.net>
Source record: 198892

james-m@ix.netcom.com (Don Murray) wrote:

>Rich, A friend brought a modified 530 to field day, another friend had a 800
>meg scanner, the modified 530 copied the same thing the 800 meg scanner did, so
>it does work..

I have one of the "new" 530's that I modified myself...I was able to
get my hands on the correct board to replace, it works quite well and
sensitivity is just as good as anywhere else.

==========
cheers! jim martin, wk1v
lowell, mass
http://www.shore.net/~jjmartin/jjm.htm

4864. Re: Found ICOM IC-2350H bug. Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: lewis@phoenix.net
Message-ID: <lewis-2906960731020001@news.phoenix.net>
Source record: 198893

In article <31D4A416.1927@cs.sonoma.edu>, Ken Harrison <ken@cs.sonoma.edu>
wrote:

>Bill Stewart wrote:
>>
>> I have found a bug in ICOM's IC-2350H dual band radio.
>>
>> While transmitting, the subband receive opens up. It comes through the
>> speaker quite plainly, and in fact is heard through the mic while I'm
>> talking, thus re-transmitting whoever is talking on the subband without
>> their knowledge.
>> I think it is a programming bug, and wonder if the FCC caught this when
>> they gave it type acceptance.
>
>Hi Bill. What a pain. I'm glad I read about this before I shelled out
>the bucks. It really is no different than my dual band HT, though.
>
>I have a question, though. Why do you feel that the FCC should have
>caught this during their type acceptance of it? It is a problem that
>affects only convenience, it doesn't make it transmit harmonics out of
>band or the like. As I understand type acceptance, it is to ensure that
>the radio transmits with legal specs -- i.e. deviation, harmonic
>suppression, etc...
>
>73,
>Ken
>N6MHG
>Sonoma County Radio Amateurs: http://www.cs.sonoma.edu/~ken/scra.html

I have a 2350 and never consider this a bug. I thought that this was to
enable you to minitor another machine or freq. while you were enjoying
yourself in a different location. My Icom W21AT work the same. In the
cases where this actually bothers me, I turn down the volume on the sub
reciever.

Lewis

--
Lewis P. Stephens Jr. KM5BH (Amateur Radio Callsign)
Amber, Inc. CLARC (Clear Lake Amateur Radio Club)
lewis@phoenix.net NAMU (NASA Area Macintosh Users)
LewisS3@AOL.com
73404.1403.compuserve.com

4865. Re: What's good price for TH-215 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Chris Wineinger {N9PPX} <chrisw@orion.ods.net>
Message-ID: <31D524F7.7117@orion.ods.net>
Source record: 198894

stevehan@yrkpa.kias.com wrote:
>
> I plan on taking my Kenwood TH-215 to the next hamfest to sell. What's
> a fair price.
>
> It has the following.
>
> -Radio itself (not a scratch on it)
> -radio case
> -speaker mike
> -2 well use standard battery packs
> -unit still has manual and original box
> -unit is fully open for TX/RX
>
> Steve
I just bought a Th215 with leather case, AEA Hot Rod Antenna, battery &
charger for $120.00 from a radio store. It is in excellent condition.
Hope this helps,

4866. Re: Found ICOM IC-2350H bug. Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: dubner@spk.hp.com
Message-ID: <4r25ka$9kg@hpcvsnz.cv.hp.com>
Source record: 198895

Jim Fellows (jimf@zoinks.corp.sgi.com) wrote:

[deleted]

: This is one reason why I'm eargerly awaiting my sevice manual for the
: rig from Icom. I'm glad I didn't hold my breath, since I've been waiting since
: December of last year. But hey, I waited since Nov 95 for the Z1A serv manual
: and it arrived yesterday. So maybe the 2350H one will come soon too!

: If I can find a program/hardware mod in those manuals I'll let you know.

Jim,

I called Icom America earlier this week and ordered a service manual for
my IC-2350H ($35 plus shipping). They implied the manuals were in stock
but they were "running a few days late" and implied they'd mail it in a
few days. We'll see . . .

I hadn't heard of the sub-band bug, but I have plenty of complaints
about the rig's poor third-order intercept performance -- Intermod City!

73,
Joe, K7JD
dubner@spk.HP.COM

4867. Re: Found ICOM IC-2350H bug. Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4r3dmc$1qj@news.halcyon.com>
Source record: 198896

Ken Harrison <ken@cs.sonoma.edu> wrote:

>Bill Stewart wrote:
>>
>> I have found a bug in ICOM's IC-2350H dual band radio.
>>
>> While transmitting, the subband receive opens up. It comes through the
>> speaker quite plainly, and in fact is heard through the mic while I'm
>> talking, thus re-transmitting whoever is talking on the subband without
>> their knowledge.
>> I think it is a programming bug, and wonder if the FCC caught this when
>> they gave it type acceptance.

>Hi Bill. What a pain. I'm glad I read about this before I shelled out
>the bucks. It really is no different than my dual band HT, though.

>I have a question, though. Why do you feel that the FCC should have
>caught this during their type acceptance of it? It is a problem that
>affects only convenience, it doesn't make it transmit harmonics out of
>band or the like. As I understand type acceptance, it is to ensure that
>the radio transmits with legal specs -- i.e. deviation, harmonic
>suppression, etc...

>73,
>Ken
>N6MHG
>Sonoma County Radio Amateurs: http://www.cs.sonoma.edu/~ken/scra.html
The FCC does not check the transmitter of any Amateur radio, it only need to meet Part 97 rules. The Amateur Radio which has a receiver that operates above 30 MHz is actually approved under FCC Part 15 as a scanning receiver. Check the FCC ID AFJIC-2350H and see what the FCC database brings back.
All your habdhelds and mobiles that operate above 30 Mhz are approved as scanning receivers. The operator interface is not subject to any rules either.

Now for many years the sub band audio is available when transmitting in the main band otherwise how would you accomplish full cross band duplex operation. You can not operate full duplex if you can't hear the sub band while transmitting on the main band. The sub band mute will shut off the sub band audio when enabled, it does however give a beep if you want that indication. The service manual will not show nor have any of the CPU programming. It will only show what the ports of the CPU do.

Gary

4868. subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: dwydra@amedec.amg.gda.PL
Message-ID: <9606291632.AA26807@amg.gda.pl>
Source record: 198897

```
subscribe ham-radio Dariusz Wydra
```

4869. subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: dwydra@amedec.amg.gda.PL
Message-ID: <9606291632.AA30910@amg.gda.pl>
Source record: 198898

```
subscribe ham-space Dariusz Wydra
```

4870. Re: Wanted:6-Meter Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: tjh@netcom.com
Message-ID: <tjhDtrs1x.CGu@netcom.com>
Source record: 198899

shane (shaner@postoffice.ptd.net) wrote:
: I am looking for 6-meter equipment to buy. I would like SSB mostly but
: maybe FM, or an all mode would be nice. Please e-mail me.
: n3wdm@prolog.net. 73, Shane Reichenbach

Since your reply email is bouncing I will reply here:

I have a Yaesu FT690 mobile/portable 6M all-mode for sale.
It has all accessories included.

If you are interested please email me.

--

Terry
tjh@netcom.com
Data/Voice Networking Communications Consultant
Dallas, Texas

4871. fisher

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: pw@i2020.net
Message-ID: <4r3o7o$btl@news.i2020.net>
Source record: 198900

Don't most people wish you dead?

4872. Yaesu-Musen UHF repeater help HAAAAAAAAAALP!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: mouse@ag.net
Message-ID: <4r43af$mho@news.esrin.esa.it>
Source record: 198901

Our RACES organization has a replacement repeater but the ordering agency forgot to order the cable. Here's the e-mail I got from my Communications Officer:

" I have good news and bad news. Good news is, UHF repeater is here! I have it in my hot little hands. Corp. sponsorship is great! Bad news is corp. never ordered programming cable ($55 option). Looks like the computer to repeater is just a rs232 connection. I wonder if it would be possible for you to search the net in radio tech sections to see if anyone has any information on this cable before I attempt to reinvent the wheel. I believe I know what's going on from looking at the schematics and I have all the nesessary connectors BUT I would appreciate it if you could check for any confirming information brfore I attempt it. Here's the dope....The repeater is a VERTEX VXR-5000 (made by Yaesu Munsen). The VERTEX (Yaesu) part number for the cable is VPL-1"

If you have any info on this, You can e-mail me at mouse@ag.net or
The C.O. Don Burrows KO2J at ko2j@juno.com.
Thanks loads for the help and 73's with Gud DX!!!

Jim Laughlan, N2ETE

4873. Re: FT50 v. 508a

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: dkaye@mars.superlink.net
Message-ID: <4r3si1$nhb@earth.superlink.net>
Source record: 198902

In article <4qvgdq$o0u@atglab10.atglab.bls.com>, ydtlzmj@news.atglab.bls.combst.bls.com (Victor Gregg) wrote:
>Path:
> earth.superlink.net!uunet!inXS.uu.net!newsfeed.internetmci.com!swrinde!cssun.m
>athcs.emory.edu!atglab.bls.com!ydtlzmj
>From: ydtlzmj@news.atglab.bls.combst.bls.com (Victor Gregg)
>Newsgroups: rec.radio.amateur.equipment
>Subject: Re: FT50 v. 508a
>Date: 28 Jun 1996 02:35:38 GMT
>Organization: BellSouth ATG lab
>Lines: 12
>Message-ID: <4qvgdq$o0u@atglab10.atglab.bls.com>
>References: <4qu6bs$j5h@earth.superlink.net>
>NNTP-Posting-Host: bstgw1.bst.bls.com
>X-Newsreader: Tin 1.1 PL3
>Status: N
>
>: You forgot to mention that the FT-51 is ALOT more money!
>: For the money(for me $324 for the 5 watt version)
>: you can not beat the FT-50R!
>: 73 Dave Kaye, N2SJH (dkaye@mars.superlink.net)
>
>Dave, check the latest catalogs. HRO has 50 and 51 at the same prices:
>
>2W - $329.00 5W - $339.00
>
>I still prefer the 51, but then that was my first Dual band.
>
>Victor

Victor,

I have no clue where you got the idea that HRO is selling the FT-51 and the FT-50 for the same price! I just looked at their on-line pricing database at their web site. The FT-51 is selling for $479.95 for 2 watt version and $519.95 for the 5 watt version. The FT-50 is selling for $329.95 for 2 watt version and $339.95 for the 5 watt version. These prices are obviosly not even closely the same! Please check you information for accuracy prior to posting. The FT-50 is definitely worth the money for waht it does. 73

Dave Kaye, N2SJH (dkaye@mars.superlink.net)

"Life is very short and there's no time for fussing
and fighting my friend"
-Lennon/McCartney

4874. Competition - win a Magellan GPS receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Louis Berk <lberk@maple.win-uk.net>
Message-ID: <31D57E06.4112@maple.win-uk.net>
Source record: 198903
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.scuba.equipment

To celebrate the launch of Magellan GPS
systems at its global web-site, Business
On The Move are offering the chance to
win a Magellan GPS 2000 receiver in a
free to enter to competition.

Details can be found at:

http://www.21store.com/

Good luck!

4875. FS: 1/2" HARDLINE CONNECTORS

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: dwhowell@iamerica.net
Message-ID: <4r41mg$er7@ns1.iamerica.net>
Source record: 198904

For Sale,
1/2 Inch Hardline Connectors. New in the package. Comes with all accessories and instructions for installing them. Also, has a 90degree elbow on them. Type N Connector. I have two of the new connectors left. Price is $25 each.

Email dwhowell@iamerica.net

4876. FT-101 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: bob.albert@ledge.com
Message-ID: <8C371F6.01B4004FBD.uuout@ledge.com>
Source record: 198905

I have a nice Yaesu FT-101 for sale. It has CW filter, external speaker, microphone, manuals, AC and DC cords, and a spare pair of final tubes. I am asking $350 and would really prefer a pick up in the southern California area.

Leave a note here if interested. This rig covers 10-160 meters and puts out over 100 Watts. CW and SSB. 73 DE K6DDX

4877. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4r47vh$nas@news.accessone.com>
Source record: 198906
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <31CBCD4B.751C@ccsnet.com>, k1oik@ccsnet.com says...
>
>Kenwood and Microsoft agree ham radio is dying.
>(but I told you that a long time ago)
>
>KENWOOD DEFENDS DISTRIBUTION PLANS
>
>Kenwood Communications Corp says its recently announced plans to make its
>products available in more retail outlets will help to rejuvenate ham radio.
>Citing concerns about the future of Amateur Radio and a changing business
>climate, Kenwood announced it was taking "some bold steps" to revamp its
>wholesale distribution scheme.
>
>In a June 10 open letter to the Amateur Radio community, Kenwood's
>Amateur Radio Products Group National Sales Manager Paul Middleton,
>KD6NUH, painted a dismal picture. "When we looked at where Amateur Radio
>is today, and where it is going to be in ten years at the present rate
>of decline, the future looks bleak," he wrote, citing competition from
>unlicensed communications modes. (internet).
>
etc.

The U.S. National Telecommunications and Information Adminstration, in their recent spectrum requirements report, states that worldwide Amateur radio growth is 7% per year. So Amateur radio is growing, not declining. I would agree though that *relative* to other radio communications services, primarily "cellular" radio telephone and its rapid growth, a 7% growth rate is a slow growth rate.

Ed (KF7VY) and Kim (N7VPL) Mitchell
personal email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.accessone.com/~vbook/hronline.htm

4878. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4r48a0$nas@news.accessone.com>
Source record: 198907
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <DtKovI.62A@data-io.com>, tomz@premier1.net says...
>
>Don't forget Bill Gates (Microsoft) is one of the Major players behind the
>Leo Satellite people who want to take over our Ham bands. It is no surprise
>that they want to call it dead! Apparently Kenwood will be making the
>electronics for them and are also willing to turn there backs on us. I will
>never consider buying a Kenwood product.
>
>Tom
>KC7PMQ

This is NOT true. Bill Gates and Craig McCaw were founding investors in a company called Teledesic. Teledesic is getting allocations at 28 GHZ for high speed satellite data access (digital voice, video, internet data, whatever - its all bits). They have no involvement that I am aware of in LOW earth orbit (LEO) satellites for 2-way short messaging of the type that the LEO providers wish to offer.

I am an employee of Microsoft Corporation and the above statements represent my personal opinion and are not necessarily those of my employer. Besides who else would ever accept credit for my silly opinions?

Ed, KF7VY

--

Ed (KF7VY) and Kim (N7VPL) Mitchell
personal email to vbook@vbook.com
Visit Ham Radio Online, it's free! at
http://www.accessone.com/~vbook/hronline.htm

4879. These guys are GREAT was:Re: Jammers caught in Oregon by PARG

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Big Guy <"Big guy"@sharper.com>
Message-ID: <31D5A1E1.124D@sharper.com>
Source record: 198908
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.radio.pirate,rec.radio.swap,rec.radio.amateur.equipment

These guys deserve a round of applause

(PARG catching the jammer)

4880. Yaesu FT-8000R?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Bill Crocker <billc@rust.net>
Message-ID: <31D5D3AB.1A21@rust.net>
Source record: 198909

Anyone have the new Yaesu FT-8000R yet? I picked one up today and it's very impressive! The WIDE-Band receive is: 110-550 MHz, and 750-1300 MHz! Has anyone used the ADMS-2 PC programming software?

Thanks, Bill Crocker

4881. Re: Ten-Tec 2 to 6 Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: Pete Dziomba <n2mci@mhv.net>
Message-ID: <4r49e3$dto@news.mhv.net>
Source record: 198910

I built one about 2 weeks ago... A real nice kit... The receive side it real hot... It takes about 10-12 hours to build it.. The power meter that I used, normally tight, showed it put out 12.5W if I peaked it for the lower part of the band, but it's about 10W across the whole band.. The only Mods I plan on making are 1 for Ext. PTT, I noticed a little chop on some low audio peeks (SSB) and the bring out 12V out when the unit is switched on to drive a Ant. relay.. This unit doesn't have any kind of Ant. bypass on it.. I did work a guy just before the June VHF contest with on and it really sounded good... Pete n2mci@mhv.net

4882. Re: Thief-proofing

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: drgrant@zipnet.net
Message-ID: <31d5b000.4529435@news.zipnet.net>
Source record: 198911
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

On Mon, 11 Mar 1996 13:17:25 GMT, dstock@hpqmdla.sqf.hp.com (David Stockton) wrote:

:Mark Pettigrew (m.w.pettigrew@shu.ac.uk) wrote:
:
:: (a) does anyone know of any good theft-proofing methods for radio
:: equipment (apart from the obvious things like buckets of sulphuric acid
:: which are both dangerous and illegal)? Are there any good ways to

Buckets of sulfuric acid? Where'd this come in? If you somehow got the acid to spill on someones hand, while they're in the act of stealing it, do you think they'd be smart enough to sue you? Its a possibility, but a statement like " While I was stealing this guy's radio, this acid poured all over me... " doesnt really hold well.

4883. Re: Thief-proofing

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-29 00:00:00 UTC
From: drgrant@zipnet.net
Message-ID: <31d5b0d6.4743350@news.zipnet.net>
Source record: 198912
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

On 11 Mar 1996 14:55:22 GMT, jdu@ihgp6.ih.att.com (-Unruh,J.D.) wrote:

:In article <Do3u92.J2q@hpqmoea.sqf.hp.com>,
:David Stockton <dstock@hpqmdla.sqf.hp.com> wrote:
:>Mark Pettigrew (m.w.pettigrew@shu.ac.uk) wrote:
:>
:>: (a) does anyone know of any good theft-proofing methods for radio
:>: equipment (apart from the obvious things like buckets of sulphuric acid
:>: which are both dangerous and illegal)?
:
:You could build heavy metal brackets that bolt around the radios and
:lock or bolt to the desk.
:
:John Unruh

I think the best thing is just to take your mobile with you. Most of the HF's now have faceplates, and the VHF/UHF models are no larger than your average car stereo.

4884. Re: General comments on Ten-Tec Scout 555

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: kerbugh@aol.com
Message-ID: <4r74tl$6al@newsbf02.news.aol.com>
Source record: 198614

Brian
Just got my Argo 556 (low power version of Scout) and like it a lot.
Some flaws, like the keyer speed (as mentioned). Some talk about about
drift, but I have not had any problems, also lacks some of the usual
'protection' and features that you would normally find on a Ten-Tec, but I
suppose it is supposed to be 'low end'??

Alan N3ITF

4885. FS: Kantronics KPC-3 TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: ahusik@njcc.com
Message-ID: <4r7139$or2@earth.njcc.com>
Source record: 198615

For Sale:

Mint Kantronics Packet Communicator 3 TNC
Used perhaps a dozen times, is being sold by a college student who is
moving away from home.

Includes manual and software disk.

Price: $65

email if interested.

Adam Husik
ahusik@njcc.com

4886. FS: Standard C508 micro Dual Band HT

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: ahusik@njcc.com
Message-ID: <4r71c4$or2@earth.njcc.com>
Source record: 198616

College student leaving home needs to sell some radio gear.

Standard C508 Dual Band HT w/ modifications

good condition, works perfectly. Can receive cellular and wide band
frequencies. This radio can practically fit in your pocket and is
super for using local repeaters or operating direct.

email if interested -

orig. paid, $290
price: $200

Adam Husik
ahusik@njcc.com

4887. Re: fisher

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Bob Ludlum <brlpe@worldnet.att.net>
Message-ID: <31D7516D.477@worldnet.att.net>
Source record: 198617

Zack Widup wrote:
>
> In a previous article, pw@i2020.net (Pat Wilson) says:
>
> >Don't most people wish you dead?
> >
> >
> >
>
> I do not wish him dead. But based on his comments and statements I've
> seen, I recognize him as an antisocial personality.
>
> Ignore him.
>
> Zack W9SZ

I agree. As long as people give him the attention he seeks he'll hang around for more. I suggest that everyone just ignore him and we can all hope he will find other interests to occupy his time.

Bob, K4LXA

4888. for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: hawk@mcmsys.com
Message-ID: <4r7d73$l1m@guitar.sound.net>
Source record: 198618

```
Icom 751a 10-160 hf rig in excellant condx
120 watts all bands unlocked tx 1.8-29.7 mhz
$750.00 shipped with sm-20 desk mike price
is $825.00 shipped \thanks mike
email:hawk@mcmsys.com
```

4889. Re: FCC type certifying...

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Brian Rademacher <N0XLF@ix.netcom.com>
Message-ID: <31D73919.7F1D@ix.netcom.com>
Source record: 198619

Thor Wiegman wrote:

> Sure, if it meets the technical requirements for the rules part you are
> applying for type acceptance in then it would do just fine. However, one
> of the biggest problems you would run into with Part 90 type acceptance is
> the fact that amateur gear is programable from the front panel. Part 90
> does not allow the end user to have access to programming of the radio.

That seems to be the consensus of just about everyone...However, where I work, we have programmable UHF and VHF radios that are in use, and they are (or must be...) type accepted...The radios that I am thinking about are made by Fujitsu 10, and the manuals even say that they are designed for 150-xxx, and 450-xxx operation...Again, they are programmable from the panel...

Any idea how they got around that one?

4890. Icom 751a for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: hawk@mcmsys.com
Message-ID: <4r7epa$mb7@guitar.sound.net>
Source record: 198620

I have for sale a Icom 751a hf allmode rig.
It does not have the internal power supply.
it is unlocked to tranmit all freq from 1.8 mhz
to 30 mhz. has 120 watts output on all bands
is in excellant condx price $750.00 or if you
want the sm-20 Icom deck mike will sell
for $825.00 shipped cont usa
email:hawk@mcmsys.com
mike

4891. Re: Yaesu FT-8000R?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Bill Crocker <billc@rust.net>
Message-ID: <31D76E0B.6DA2@rust.net>
Source record: 198621

Jim Finney wrote:
>
> Bill Crocker wrote:
> >
> > Anyone have the new Yaesu FT-8000R yet? I picked one up today and it's
> > very impressive! The WIDE-Band receive is: 110-550 MHz, and 750-1300
> > MHz! Has anyone used the ADMS-2 PC programming software?
> >
> > Thanks, Bill Crocker
>
> Bill,
>
> Where did you get your FT-8000?
>
> Jim. WA5VPW

Jim:

I purchased it at Michigan Radio, in Warren, MI. (810) 771-4711
They have several in stock!

Bill Crocker

4892. Re: Opinion on new Yaesu Ft-8000 dual band

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Bill Crocker <billc@rust.net>
Message-ID: <31D76D66.723A@rust.net>
Source record: 198622

Simon Cheung wrote:
>
> A brand new dual band mobile from Yaesu FT-8000 with features like
> super wide band rec (110-550 750-1300 MHZ), Smart Search, same band
> dual receive, voltage display etc. Looks very tempting at around
> $570.-
> Has anyone got some hands-on experience of this radio already that can
> share with us? Please post here or E-mail. Thanks very much.

Yes, I have one. I don't have my license yet, so I can't speak for it's TX features, but the receiver is really something. Super radio, with real nice display! The only complaint I have is if I mount in where I want to, I can't view the LCD display, because, like most, it's optimized for viewing from above, at about a 45 degree angle. I want to mount it on the front of my console, vertically, and view it from about a 30 degree angle from below. At that angle, the display is invisable. This is not a fault of the FT-8000, any LCD display would have this problem.

Bill Crocker

4893. Using IC-706 w/ Desk Mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Joe Fitter BV/N0IAT <joentam@transend.com.tw>
Message-ID: <31D6E595.2028@transend.com.tw>
Source record: 198623

Hi,
After receiving 5 or 6 comments regarding the use of the IC-706
with a desk microphone to improve the loud but tinny audio, the
concensus from usenet was as follows:

1. Change to a SM-6 microphone
2. Throw away the HM-103 stock hand microphone (which is junk)
3. The audio is an inherent characteristic of the 706 -- deal
with it or trade for another rig.

Just thought you'd like to have a summary of comments from my
fellow users on the net.

73, Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

4894. DSP filters -- which one to purchase ???

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Joe Fitter BV/N0IAT <joentam@transend.com.tw>
Message-ID: <31D6E649.34A4@transend.com.tw>
Source record: 198624

Hi,

I've seen a lot of talk about DSP filters lately. Has anyone
done an extensive review of these filters that is available
via internet? Not really concerned about DSP on TX...mostly
just on RX.

Does anyone have some recommendations on which one is best
from a cw-op perspective? I assume CW is easier to signal-
process than phone, so, I guess a less expensive unit would
suffice for my type of operation.

Comments or opinions?
Thanks,
Joe

Amateur Radio: BV/N0IAT Taipei TAIWAN Republic of China

ex. 7J1AOF (Japan) YU3/N0IAT (Slovenia) KA0ZDH (Novice)
Licensed Radio Amateur since 1986. Comments are mine only.

4895. Re: Found ICOM IC-2350H bug. Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Rick McMillion <rickmcm@elite.net>
Message-ID: <01bb66ea.669a76c0$26ddc7cd@rickmcm>
Source record: 198625

Are you saying that whatever is heard through the speaker coming from your sub band is retransmitted out through the microphone via acoustic coupling? Why would you think that is a bug? That is very normal for most dual band radio's I've seen. I suppose some of them may have sub band mute when you are transmitting on the main band, but I know that a lot of them don't have that feature.

Why not have your mic gain checked/deviation checked, try moving the speaker, and turn down your sub band audio a bit. I'm sure that you would be able to find a happy comprimise of mic gain, sub band audio, and speaker location that will work for you.

73, Rick, WB7UGZ

> Bill Stewart <stewart@peganet.com> wrote in article
<31D45F2B.1358@peganet.com>...
> I have found a bug in ICOM's IC-2350H dual band radio.
>
> While transmitting, the subband receive opens up. It comes through the
> speaker quite plainly, and in fact is heard through the mic while I'm
> talking, thus re-transmitting whoever is talking on the subband without
> their knowledge.
>
> Subband mute functions for both bands are on, and they do mute during
> receive. This problem appears only during transmit.
>
> ICOM does not offer direct technical support. Their web page refers you

> to your dealer. My dealer says there is no way to solve this problem.
> I think it is a programming bug, and wonder if the FCC caught this when
> they gave it type acceptance.
>
> For now, the only way around the problem is to turn the volume down on
> the subband manually when you decide to rag chew. Then you have to
> remember to turn it back up when done or you're no longer scanning and
> listening to the subband and you don't know it. That's a load of horse
> hockey, and v-e-r-y poor engineering.
>
> Anybody got a suggestion or a mod around this ?
>
> Thanks,
> Bill Stewart, N4CRO
> stewart@peganet.com
>

4896. Latest EPROM Rev. for FT-990 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: "Richard B. Harel" <Richard_Harel@fab8.jer.intel.com>
Message-ID: <4r5sff$sca@ilx018.iil.intel.com>
Source record: 198626

I'm using Rev. 1.30 on my FT-990. Is there a later version ? What does it offer ? Can EPROM updates be done by the user or is ther more to it than popping out the old IC and replacing it with the new one ?
Any feedback is appreciated.

73,

Rich
WB2JBS/4X1DA

4897. Best 2.0 Khz filter for FT-990 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: "Richard B. Harel" <Richard_Harel@fab8.jer.intel.com>
Message-ID: <4r5sdv$sca@ilx018.iil.intel.com>
Source record: 198627

I'd like to add a 2 Khz IF filter to my FT-990. Any comments on which filter is best ? (Fox Tango, Yaesu, Collins ??)

Any feedback would be appreciated.

73,
Rich
WB2JBS/4X1DA

4898. DXing UHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: k2doggo@way.com
Message-ID: <4rbqir$kf0@mid.way.com>
Source record: 198628

I need to pull in a UHF television signal that looks almost hopeless right now--and I'm wondering what I should do, beyond my plan to go get a UHF-only rooftop antenna, and maybe a little video amp device for it.

Can somebody make a suggestion about some smart techniques, or at least direct me to the group where I belong? (I can't find anything on video DXing). Thank you very much.

4899. Parts for FT-757GX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: egriffin@ctc.net
Message-ID: <4r4nh1$ej0@news1.sunbelt.net>
Source record: 198675

I'm sorry but I made a mistake on my earlier post. My friend needs
the 'control' board to fix his radio. Any boat anchors out there?
73, Ed
KC4DPK

4900. Parts for FT-757Gx

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: egriffin@ctc.net
Message-ID: <4r4nh2$ej0@news1.sunbelt.net>
Source record: 198676

I made a mistake on my posting about this before. My friend needs the 'control' board. Any boat anchors out there.
73,
Ed
KC4DPK

4901. Equipment repair service

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: egriffin@ctc.net
Message-ID: <4r4of2$cr5@news1.sunbelt.net>
Source record: 198677

A friend has just gotten a page on the web regarding his repair services. I think you'll find him a good honest guy that knows his stuff. Besides doing repairs, he likes to buy and trade equipment (working or not). He's N4KVP and the site is http://www.janrix.com/com/sts.htm

4902. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Bill Kleronomos <wkleros@csn.net>
Message-ID: <4r4tfb$6fg@news-2.csn.net>
Source record: 198678
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

Allright! Having seen this quote too many times the last week,
I'll toss my 2 cents in:

>>In a June 10 open letter to the Amateur Radio community, Kenwood's
>>Amateur Radio Products Group National Sales Manager Paul Middleton,
>>KD6NUH, painted a dismal picture. "When we looked at where Amateur Radio
>>is today, and where it is going to be in ten years at the present rate
>>of decline, the future looks bleak," he wrote, citing competition from
>>unlicensed communications modes. (internet).

Not! Amateur Radio specifically has to do with the 'science' of
communications and experimentation with RADIO.

RADIO, by definition, is an integral part of Amateur RADIO.

It is a fallacy to assume that those who communicate via Internet
might have otherwise become Amateur RADIO Operators.

Mr. Middleton is merely the most recent example of individuals
who over the last fifty years or so have pointed at a similar
technical hobby and erroneously predicted the demise of Amateur
Radio.

Kenwood is welcome, in my book, to sell its radios in every
retail establishment from K-Mart to Victoria's Secret, if that's what
they want to do, but they can kiss me off as a customer.
(Oops, they already have- I'm using the Internet)

Mike Royko,a national newspaper columnist once said something like,
"...in spite of predictions, there's no way computers and the Internet are going to
replace the daily newspaper until a PC is just as easy to use and read
in the bathroom..."

Carry on, Sons of Marconi!

-BK
KD0HG, Lyons, Colo.

4903. HEIL MICS.....?????worth it?????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: derrick@southwind.net
Message-ID: <4r510p$k79@opal.southwind.net>
Source record: 198679

hello hello,
im looking to buy the heil proset headset....although it and adapter and a
foot switch can run more than 160 buck.....alot for a mic.....worth it??

4904. Re: General comments on Ten-Tec Scout 555

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: kjones@sun-link.com
Message-ID: <31d49508.1641153@news.netrax.net>
Source record: 198680

Brian Westfall wrote 8 lines on the subject: Re: General comments on
Ten-Tec Scout 555; here's some of it:

>I am considering buying the Scout and would like to here how people like the radio.
>Positive and negative comments would be greatly appreciated. I am interested
>primarily in CW operation but get on phone now and again.
>
>Thanks
>Brian Westfall
>KA0KEV
>
Brian, I've had one for about a year now (Cheese and crackers, is it
that long already?) and I like it. I run it mobile, have the
straight key and a paddle mounted side by side on a board that sits
atop the arm rest. Works okay for me. Full break-in took a little
getting used to, but it's fun once you get the hang of it. The
"Jones" filter seems to be a continuously variable IF filter that
runs from about two and a half kHz to below 500 Hz in width. You
can lose a guy with a filter that sharp if you're not careful. RIT
works well. Morse keyer comes on at 25 wpm, you adjust it up or
down from there. No keyer speed memory; next time, it will be back
at 25 wpm again.

73,

Ken Jones, KB3JA
--
mailto:kjones@sun-link.com -- Maidenhead Grid: FM19mu
SKYWARN observer in York Co. PA, listening 147.330 W3MUM/R
PGP Fingerprint 0xFE99B25D; key avail on public servers

4905. HELP!! building my own 2 m mobil antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: anarchyu@olywa.net
Message-ID: <31d613de.4335662@news.olywa.net>
Source record: 198681

Howdy..

I want to build my own 2 meter antenna for my handheld radio which i will be using in my truck.. I am on a extremly tight budget (i mean i have like 20 bucks i can spend) i have a bunch of connectors and such that i have from a antenna i made that plugs right onto my radio and that works great, but doesnt work great when i am driving. I have a large rectangular magnet (which i can cut to size) for making it magnet mountible. If anyone has an IDEA or drawing or something they can send me that may help, PLEASE e-mail me at KC7QZR@olywa.net and tell me!!

I also have a supply (60 feet or so) of 12 gauge copper house wire (new never used) if that would work for part of the antenna.

Thanx for any help you can give!!

Brad
KC7QZR@olywa.net

4906. Re: Antenna Driving me nuts

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: bduxbury@zetnet.co.uk
Message-ID: <4r56d6$7ah@roch.zetnet.co.uk>
Source record: 198682
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

In message <charles1DtoJ7B.FDw@netcom.com>
charles1@netcom.com (charles copeland) writes:

> In article <4qsk9b$s84@news.inforamp.net>,
> Chris Valliant <Chrisv@valteck.com> wrote:
> >
> >
> > I have been trying for the last two weeks to build a half wave
> >diapole antenna.

Just a general observation. This thread appears to tell us a lot
about the US licensing standards. In 40+ years I have never seen
anyone having a problem with a simple dipole or the underlying basic
principles. What has really made me comment is the pattern of very
elementary questions which appear on the net frm licencesed hams. I
accept thar Chris may not be a ham and certainly this comment is not
critical of him.

73 Barry

--
Barry Duxbury
bduxbury@zetnet.co.uk
100031.2223@compuserve
G4GAH Oxford UK

4907. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: jherman@Hawaii.Edu
Message-ID: <Dtspuw.1MC@news.hawaii.edu>
Source record: 198683
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment

T. Greening <tgreen@jbic.com> wrote:
>Burp Fisher <k1oik@ccsnet.com> wrote:

>>For everyone of the above I can cite 10,00 lazy ass butts on the easy
>>ham radio chair.
>>In every barrel of rotten hams there is a good one.

>Why are you here Burt? If you despise the ham hobby and ham operators
>sooo much, why are you here?

Look at it this way: As long as Burp is here drunk he's not out molesting children or shoplifting or being a peeping Tom. Let's keep him here so as to protect the rest of society.

Jeff KH2PZ / KH6

4908. Re: Motorola Visar RIB sw needed

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Radioactive Communications <radio3@village.ios.com>
Message-ID: <31D6201B.6A0F@village.ios.com>
Source record: 198684
Cross-posted to: rec.radio.swap,rec.radio.noncomm,rec.radio.cb,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space

Nino Cvetkovic wrote:
>
> I can offer RIB software for almost every other Motorola in exchange.
>
> Nino
Nino I'm sure that the Motorola people over in Plantation Florida are
thrilled to know that you are offering illegally pirated copies of their
RSS over the net!!! Really smart!!!

4909. Re: Yaesu FT-8000R?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Ty <toast@best.com>
Message-ID: <31D6282E.EBA@best.com>
Source record: 198685

Does anyone have the MARS/CAP mod yet for this Radio?

4910. Re: is tar a conductor?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: woodring@inlink.com
Message-ID: <4r4qhl$4u7@news2.inlink.com>
Source record: 198686

In article <Pine.HPP.3.91.960623172324.22376A-100000@river.it.gvsu.edu>, "Daniel B. Mills" <millsd@river.it.gvsu.edu> says:
>
>
>I messed up somehow, I think.
>
>My new 160 meter full wave horizontal loop performed beautifully (I
>recommend the design highly.. quiet and powerful). However, it stopped
>working after I put the discharge device (lightning preventor) in line
>and tarred the feed point. I replaced the discharge device with a pig
>tail and the antenna still checks bad.
>
>Is plastic roof cement an RF conductor?
>
>
> 73
>
> N8PPQ/KC8AYZ
>
>
Yes, some plastic roof cements use trace of metal in their composition.

Most problems I have seen are in the vhf/uhf 800 Mhz range.
gud luk 73 de WA0VED, JIM

4911. Help with: Icom HM20 Mic

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <4r5ffu$5ug@dfw-ixnews9.ix.netcom.com>
Source record: 198687
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I need to know the impedence of the mic and the wiring schematic. I have three of these (got them for a whole dollar at an auction) and would like to use them for an RS HTX-202, Kenwood TH-21AT and TH-31BT.

John
KE6TGN

4912. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: ken@g4mpq.avel.co.uk
Message-ID: <31d63eca.4522540@news.avel.net>
Source record: 198688
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

pacrimgolf@kuentos.guam.net (Jim Kehler) said through the grapevine:

>John Hughes <afn01079@afn.org> wrote:
>
>>pacrimgolf@kuentos.guam.net (Jim Kehler) wrote:
>>>
>>> Madjid SuperUser <orion@odyssee.net> wrote:
>>>
>>> >About Kenwood, I use a Kenwood HF RIG but next rig will be
>>> >YEASU or TEN-TEC. Vote with your wallet !
>>>
>>> >Madjid VE2GMI
>>>
>>> Madjid,
>>> Make it ICOM or TEN-TEC. Vote with your wallet and your brain.
>>>
>>> 73, Jim KH2D
>>
>
>>Well, fill me in. What's your objection to Yaesu...nationalistic?
>
>Nope, nobody here makes radios, and the big three are all made
>in the same nation. Icom's HF receivers are far superior to Kenwoods,
>that's why all the big contesters use Kenwood. The deader your
>receiver, the less you hear the guy's transmitter who is sitting
>next to you. Yaesu has had problems ever since the invention of
>the transistor - they made fairly good stuff when we all used tubes,
>but since then they have gone down hill dramatically. And Yaesu's
>target market has always been 11 meters. After the 101's they
>took 11 off the bandswitch, but they replaced it with a dipswitch
>inside the radio, I guess so nobody would cut the wrong wire.....
>
>I did see a Icom 706 (?) at field day last weekend, and I wasn't real
>impressed with the receiver (HF) on it, it has the image problem on
>CW that the 745 had. But it's a whole lot of bands for not a whole lot
>of money, so it still looks like a good deal to me.
>
>My observations are not based on labratory testing (Gary can fill you
>in on that), just real world use. After having owned radios from all
>of the big three, and having watched all the guys I started out with
>do the same, seems like most if not all of us wound up with boxes
>that say Icom on the front. In the last ten years I've also met a
>lot of Japanese hams, and most I've met prefer Icom also.

>
>I only have one piece of Ten-Tec equipment, that's a Titan amplifier.
>It's probably the best piece of ham gear I have ever owned. I bought
>it on the recommendation of another ham who has one, and some
>other friends bought them after I did. None of us have been sorry
>we did buy them. Ten-Tec's service is miles above anyone elses.
>I've had a few minor problems, and Ten-Tec has responded immediatly
>to resolve them, no questions asked. I've personally witnessed a lot
>of RF amplifiers go up in smoke, but none have ever said Ten-Tec
>on the front. If I ever have to buy another amp, it's the only one I
>would consider. Ten-Tec amps aren't cheap, but when you buy an
>amplifier, the last thing you want is a cheap one.
>
>73, Jim KH2D

Interesting and very informative letter Jim and I'll be one of those
who'll probably take your advice and comments on board when the time
for the next change in equipment comes up. Kenwood won't be seeing my
pound notes on the shop counter again anyway! G4MPQ/Ken
>
>

4913. FT-990 Keypad

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Robert and Sherry Ravlin <sravlin@sover.net>
Message-ID: <31D65E32.1E82@sover.net>
Source record: 198689

Name here is Rob and my call is KA1WZB. I was wondering if anybody could give me any info in regards to the FT-990 keypad. When I was shopping around I read a review in CQ magazine stating that you could do a lot more through the keypad besides what the OP manual shows. Any help with this would be greatly appreciated.

Thanks Rob

4914. Re: Realistic 2 meter rig

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: afn35036@afn.org
Message-ID: <31d5d775.748243@usenet.afn.org>
Source record: 198690

rcpmd@roanoke.infi.net (Robert Patten) wrote:

>Does anyone know if the Realistic 2 meter 35 watt output rig is any
>good? I don't even know the model number but it seems much cheaper
>than other similar rigs ($269).
>

If you want a basic issue 2m mobile, you may want to look into the ADI
2m mobile for ~$250. Are you sure the RS mobile is that low? Last
time I saw a RS catalog it was well over $300.

Steve
--
http://www.afn.org/~afn35036 (EL89tq)| "I have never really understood the
http://www.afn.org/~gars | rationale behind sports...which
http://www.afn.org/~quilters | all seem like exhausting new ways of
PGP pub key: finger afn35036@afn.org | getting injured while sweating." -LGW

4915. Help Please - Simrad - Robertons - VHF

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: "Kevin F. Chambers" <chambers@ibl.bm>
Message-ID: <31D6817D.673E@ibl.bm>
Source record: 198691

I am hoping someone on this newsgroup can help me. I have a Shipmate 8200 shipmate VHF marine radio that is 4 years old - although it has only been install less than two years. Due to space limitations on my boat, it is about the only model that I can use. I believe the radio was manufactured by Robertson (a Norway company) that was since bought out by Simrad. I live in Bermuda and there are no dealers of repair services here that have any knowledge of this radio, including schematics diagrams etc. Can anybody out there reccomend a company that is authorised (or expierenced) in the repair of these radios ?

The local techinitions tell me that the output power is o.k. but that there is so much background noise on both the receive and transmit function. I have tried different antenna and different locations but the problem is the same. I have had the radio checked for solder joint problems, disconnect/corroded wire and other obvious problems - but everything checked out o.k.

I would really appreciated any help you can give me.

Have a Great day !

--
Kevin F. Chambers
chambers@longtail.ibl.bm
Tel: 441-297-1089/441-293-0775
fAX: 441-293-8929

4916. Q: KCT doc and cables

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Karen Tadewosyan <karen@ra3apw.ampr.demos.su>
Message-ID: <AAwQWrneH4@ra3apw.ampr.demos.su>
Source record: 198692
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.equipment

Hi and Thanks in advance for your help.

Does anyone out there know Internet site for find Kansas City Tracker's documentaions and shematic for make cable between KCTT and FT790A + rotor G5400.

Karen Tadewosyan, RA3APW Email: sysop@ampr.demos.su
Moscow, Russia AMPR: ra3apw@gw.ra3apw.ampr.org
Phone: 474-62-83 Packet: RA3APW@RA3APW.MSK.RUS.EU
Satellite: KO-23, KO-25, UO-22

4917. Re: FT-50 Noisy TX

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <31D68D02.60F0@earthlink.net>
Source record: 198693

David De Coons wrote:
>
> I had a problem with my FT-50R with a crackling noise during tx. I took
> the radio apart (pretty easy) and found two possible culprits.
>
> One, the screws holding the two PC boards together were loose, possibly
> causing a poor connection between the boards.
>
> Second, and probably the real problem. They use a spring loaded pin on the
> center of the chassis mounted SMA connector that contacts a metal tab
> sticking out of the RF board. The SMA connector is does not flex as it
> does on the FT-40. I soldered the pin to the tab.
>
> The radio now works without the noise on Tx.
>
> --
> David De Coons, KE2SL
> rocket@intercall.com

how did you take the radio apart? how easy was it?

thanks

andy n6xkn

4918. Re: I can't even give it away.

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Burt Fisher <kotzebue@juno.com>
Message-ID: <31D68C9F.322@juno.com>
Source record: 198694
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

T. Greening wrote:

> Why are you here Burt? If you despise the ham hobby and ham operators
> sooo much, why are you here?

To play with you.

--
#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	Mr. Happy should not be happy all the time.
#================#===#
| k1oik@ccsnet.com kotzebue@juno.com fisher@meol.mass.edu |
#===#

4919. SELL: PK-232 MBX Multimode

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: cturner@popalex1.linknet.net
Message-ID: <61e7cc$92de.37f@NEWS>
Source record: 198695

PK-232 MBX with latest PACTOR firmware update, 2 radio cables, serial cable, installed TAPR modem header disconnect interface and manual. $180

Contact Cliff KF5OJ
318-442-4734
cturner@popalex1.linknet.net

4920. Re: fisher

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: w9sz@prairienet.org
Message-ID: <4r64me$iu0@vixen.cso.uiuc.edu>
Source record: 198696

In a previous article, pw@i2020.net (Pat Wilson) says:

>Don't most people wish you dead?
>
>
>

I do not wish him dead. But based on his comments and statements I've seen, I recognize him as an antisocial personality.

Ignore him.

Zack W9SZ

4921. Re: HEIL MICS.....?????worth it?????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: kc4pe@cbus.mindspring.com
Message-ID: <4r65t8$38u0@mule2.mindspring.com>
Source record: 198697

derrick@southwind.net (Derrick Cline) wrote:

>hello hello,
>im looking to buy the heil proset headset....although it and adapter and a
>foot switch can run more than 160 buck.....alot for a mic.....worth it??

No!
Head down to your local music instrument shop and look at the
graphic/paramertic equalizers, and then look at some inexpensive
studio/band/recording microphones. When you wire up a good EQ with a
decent mike into your transceiver you are now able to shape ,contour
and adjust audio frequency bandwidth to your voice and make the audio
that you like. You'll have one set of adjustments for that deep
rag-chewing HiFi sound and one set for that DX "Lazer Audio".

Check the activity on 14.178 in the mornings between 7-9 AM ESTand see
for your self.

We have very little choice when it comes to pre-audio equipment in the
amateur ranks, everybody turns to Heil, because its the only show on
the block. But if your into audio they bring very little to the
table!!

Good Luck,
Billy
kc4pe@cbus.mindspring.com

4922. Kenwood \TS870

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: kc4pe@cbus.mindspring.com
Message-ID: <4r6731$27c2@mule2.mindspring.com>
Source record: 198698

Great radio!
But has anybody figured out how to adjust the audio frequency on the
two included voice equaliziers. If you could tailor the eq's for the
individuals own voice you would have the best of all worlds!!
TNX
Billy
kc4pe@cbus.mindspring.com

4923. Re: Thief-proofing

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Ian Robert Walker <Ian@newbrain.demon.co.uk>
Message-ID: <Rb50NHAd5k1xEw2Z@newbrain.demon.co.uk>
Source record: 198699
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

In article <31d5b000.4529435@news.zipnet.net>, Mike Capone
<drgrant@zipnet.net> writes
>On Mon, 11 Mar 1996 13:17:25 GMT, dstock@hpqmdla.sqf.hp.com (David Stockton)
>wrote:
>
>:Mark Pettigrew (m.w.pettigrew@shu.ac.uk) wrote:
>:
>:: (a) does anyone know of any good theft-proofing methods for radio
>:: equipment (apart from the obvious things like buckets of sulphuric acid
>:: which are both dangerous and illegal)? Are there any good ways to
>
>Buckets of sulfuric acid? Where'd this come in? If you somehow got the acid to
>spill on someones hand, while they're in the act of stealing it, do you think
>they'd be smart enough to sue you? Its a possibility, but a statement like "
>While I was stealing this guy's radio, this acid poured all over me... " doesnt
>really hold well.

It is setting a 'man trap', and is illegal. Your victim does not have
complain have to bring action, and if they are caught doing so will get
them a lighter sentence.
Ian G8ILZ
I have an IQ of 6 million, | How will it end?
or was it 6? | In fire.

4924. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: hcuypers@tornado.be
Message-ID: <31d6b927.987326@news.tornado.be>
Source record: 198700
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

drgrant@zipnet.net (Mike Capone) wrote:

>
>:Of course those Germans NOT alive during World War II cannot be held
>:responsible. But I refuse to respond to German "CQs" because I feel the
>:mindset of Germans even today would allow a repeat of the holocaust if
>:the only could find another Hitler. This was shown during the recent
>:Gulf war when Germany was the one selling weapons and materials to make
>:poison gas to Iraq.
>:
That is exactly the reason why I don't respond to US American CQ's,
because I feel the mindset of Americans even today would allow a
repeat of :
- phosphor bombing of Dresden and Hamburg;
- nuclear bombing of Hiroshima and Nagasaki;
- usage of Agent Orange in Vietnam;
- exposing their OWN troops to nuclear explosions;
- etc, etc, etc, etc ....

4925. Schematic neede for an ACC RE-96

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: "John A. Palmer" <ka5van@texoma.com>
Message-ID: <31D6CE10.2F5A@texoma.com>
Source record: 198701

Dear list subscribers:

The McKinney Tx. amatuer radio club is in need of a schematic diagram for an:
ACC RE-96 repeater controller. I believe that the manufactuer has gone out of
business. All responses are welcomed.

Please respond to <A HREF="mailto:brianbel@connect.net> or
<A HREF="mailto:ka5van@texoma.com> I hope that the "mailto"'s work.

73's de
John A. Palmer KA5VAN

4926. Re: Yaesu FT-8000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Jim Finney <jpf@southeast.net>
Message-ID: <31D6C371.3B90@southeast.net>
Source record: 198702

Stephen Lui wrote:
>
> I just noticed the annoucement of the Yaesu FT-8000 dual-band mobile radio
> on Yaesu's WWW site. Does anyone have any more information on this radio? Does
> it support 6 character alphanumeric tags like the FT-8500? HRO already has
> a price of $599.95, which is $70-$80 less than a FT-8500.
>
> Stephen

Stephen,

This radio looks real promising, according to Yaesu's info. Have you
found a dealer that has it in stock?

Jim.. WA5VPW
--

Jim Finney
jpf@southeast.net
http://users.southeast.net/~jpf
Jacksonville, Florida

4927. Re: HEIL MICS.....?????worth it?????

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: mwolfe@interaccess.com
Message-ID: <4r6h5s$uu@nntp.interaccess.com>
Source record: 198703

In article <4r510p$k79@opal.southwind.net>, derrick@southwind.net (Derrick Cline) wrote:
>hello hello,
>im looking to buy the heil proset headset....although it and adapter and a
>foot switch can run more than 160 buck.....alot for a mic.....worth it??

I have had a Heil BM-10 for a number of years. That is the old style with the low profile foam earphones. A couple of years ago someone brought the new proset to field day and I used it there. At Dayton this year I finally purchased a pair of my own and used them this field day for hours on end. They are the most comfortable pair of headphones that I have ever worn which is especially important during a contest. I have always had good audio reports with the Heil mic elements as well.

Yes, they are pricy, but I don't regret it.

Mike

4928. Re: The German (ham) pyche

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: "William E. Sabin" <sabinw@crpl.cedar-rapids.lib.ia.us>
Message-ID: <31D6EC50.7BB5@crpl.cedar-rapids.lib.ia.us>
Source record: 198704
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,policy,rec.radio.amateur.packet,rec.radio.amateur.equipment

Herwig Cuypers wrote:
>
> drgrant@zipnet.net (Mike Capone) wrote:
>
> >
> >:Of course those Germans NOT alive during World War II cannot be held
> >:responsible. But I refuse to respond to German "CQs" because I feel the
> >:mindset of Germans even today would allow a repeat of the holocaust if
> >:the only could find another Hitler. This was shown during the recent
> >:Gulf war when Germany was the one selling weapons and materials to make
> >:poison gas to Iraq.
> >:
> That is exactly the reason why I don't respond to US American CQ's,
> because I feel the mindset of Americans even today would allow a
> repeat of :
> - phosphor bombing of Dresden and Hamburg;
> - nuclear bombing of Hiroshima and Nagasaki;
> - usage of Agent Orange in Vietnam;
> - exposing their OWN troops to nuclear explosions;
> - etc, etc, etc, etc ....

1) There is enough blame for everyone.

2) What can we do to end this stupidity?

3) Putting all of the rhetoric to the contrary aside, isn't it a fact
that since the very beginning, human beings *LOVE* to go to war?

Bill

4929. FM transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: "Jan.terje.oglend" <jan.terje.oglend@asterisk.no>
Message-ID: <31D6D1D5.834@asterisk.no>
Source record: 198705

```
If someone is interested in a good fm transmitter 90-110MHZ 3.5w
contact me
jan.terje.oglend@asterisk.no
```

4930. 45$ for a mod on IC706 !

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: ea4abb@ea4rct.CLubs.etsit.upm.ES
Message-ID: <47011@ea4rct.clubs.etsit.upm.es>
Source record: 198706

Hello everybody, many thanks for reading this mail.

I purchased some months ago an ICOM IC-706 but I cannot use it because with my licence I only can use it on VHF band, so I need to modify it. I carry my transceiver to my customer and they said that if I want to modify it I need to pay 45$, a lot of money...

A man said that I can disconnect the PL-259 from the rear of the radio but I think that perhaps there is a better way to mod it...

Any comments are welcome !

73s de bob, EA4ABB

email: ea4abb@ea4rct.clubs.etsit.upm.es

4931. Re: Motorola JT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: jamesar@ix.netcom.com
Message-ID: <4r6n4r$al3@sjx-ixn6.ix.netcom.com>
Source record: 198707

David_Edger@fforum.blkcat.com (David Edger) wrote:

> Looking for any information on the Motorla JT-1000 handheld. I
>understand it is field programmable, but would appreciate any
>experiences from folks who have used it. I am intending the radio for
>a commerical application, but might well program a 440 ham repeater in
>one of the memories as well. (You can't work ALL the time.)
> Thanks for any experiences and general comments on this rig.
> 73, Dave AA5NU

Dave,

I have a pair of JT-1000's that I use for SAR. Nice units.
Mail me, I'd be happy to give you specs and opinions.

James Allan

posted and mailed

4932. Re: Kenwood and Microsoft say ham radio dead

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: pacrimgolf@kuentos.guam.net
Message-ID: <4r6vl1$sd0@lehi.kuentos.guam.net>
Source record: 198708
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

vbook@vbook.com (Ed Mitchell) wrote:

>The U.S. National Telecommunications and Information Adminstration, in their
>recent spectrum requirements report, states that worldwide Amateur radio growth
>is 7% per year. So Amateur radio is growing, not declining.

Ed, do they give any figures for amateur radio growth in the U.S. ?

73, Jim KH2D

4933. Re: Yaesu FT-8000R?

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Jim Finney <jpf@southeast.net>
Message-ID: <31D704B4.1468@southeast.net>
Source record: 198709

Bill Crocker wrote:
>
> Anyone have the new Yaesu FT-8000R yet? I picked one up today and it's
> very impressive! The WIDE-Band receive is: 110-550 MHz, and 750-1300
> MHz! Has anyone used the ADMS-2 PC programming software?
>
> Thanks, Bill Crocker

Bill,

Where did you get your FT-8000?

Jim. WA5VPW

--

Jim Finney
jpf@southeast.net
http://users.southeast.net/~jpf
Jacksonville, Florida

4934. Re: Yaesu FT-8000

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <brzq5kewkf.fsf@xmission.xmission.com>
Source record: 198710

Interesting. Thanks for mentioning it, Stephen. I hadn't noticed the FT-8000 announcement, either. Interesting that the http://www.yaesu.com/ft8000.html web page mentions FT-8000M (M suffix) while the price list at http://www.hamradio.com/search/adv.html mentions FT-8000R (R suffix).

I don't have any more information about that radio, but if it really does receive 110~550 MHz and 750~1300 MHz, including the 1.25m, 33cm and 23cm bands, then that makes it quite interesting. Perhaps sensitivity would be low in those other three bands.

I'm still guessing that an FT-9000M radio will come out -- a radio like the FT-3000M, with high 70W output power and remote controllability, but which can transmit on 70cm in addition to the 2m band. Hope so.

4935. Want to crypt my Fm tranmissions

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: yanntug@imaginet.fr
Message-ID: <4r70fv$42@avalon.imaginet.fr>
Source record: 198711

I want to crypt my transmissions on Fm (yes i know it is irregular)

if anyone of you have a plan of a modification to do it , then e-mail
me

Thanks

4936. WANTED: manual for Transworld TW100

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: Don Davis <71411.1534@CompuServe.COM>
Message-ID: <4r6ankkbd1@mhafn.production.compuserve.com>
Source record: 198712
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Wanted to buy or copy: maintenance/repair manual for Transworld
model TW100mp, RT100MP, RAT100 antenna coupler, PF1500 RTTY
modem/power supply. I can be reached at:
71411.1534@compuserve.com. I can also be reached at:410-768-0847
evenings and weekends eastern time. Don Davis WB3AXQ

--
Donald Davis

4937. Re: SB200 to 6M HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1996-06-30 00:00:00 UTC
From: parf@aol.com
Message-ID: <4r7428$60d@newsbf02.news.aol.com>
Source record: 198713

Hi Bob,
Send me an SASE and I'll copy the 2 benchmark articles on the subject. Als
have the NH co that does conversions. There is not much to it. I have 3
200's here that I was going to do but came up w/ a 1/4 SS KW instead.

Dale WA2YPY
6869 Bayshore Drive
Lantana, FL 33462